

TASK 210 – SUBSURFACE SITE INVESTIGATION REPORT

**CONNECTICUT DEPARTMENT OF TRANSPORTATION
I-95 MEDIAN RECONSTRUCTION AND RESURFACING
NORWALK/WESTPORT, CONNECTICUT**

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1.0 INTRODUCTION

BL Companies was retained by the State of Connecticut Department of Transportation (ConnDOT) to conduct a Task 210 Subsurface Site Investigation (SSI) in support of ConnDOT Project No. 102-295, I-95 Median Reconstruction and Resurfacing project in Norwalk and Westport, Connecticut. This report provides a brief description and history of the project area, a discussion of the local environment and receptors, the investigation rationale, a summary of the data obtained during the investigation, an interpretation of the results with respect to the appropriate regulatory criteria, and recommendations.

1.1 Background and Purpose

The project area extends a distance of approximately 10,800 feet (2 miles) along Interstate 95 in Norwalk, Connecticut (CT) from the Norwalk River northward to the Saugatuck River in Westport, CT. The project consists of the milling and repaving of all lanes and ramps from the Norwalk River to the Saugatuck River. The superstructure of Bridge No. 0061, Strawberry Hill Road over I-95 will be replaced and raised, and superstructure of Bridge No. 0062, I-95 over Saugatuck Avenue (Route 33), will be replaced and widened. Other elements of the project include the reconstruction of the existing median with a concrete barrier, modification of drainage structures, full depth reconstruction of inside and outside shoulders, and a new guide rail. The existing commuter parking lot off of Hendricks Avenue, near Exit 16, will be rebuilt and expanded. The Site's location and pertinent features are depicted on the enclosed Site Location Map (**Figure 1**) and Site Investigation Plans (**ENV-01 through ENV-12**) in **Appendix A**.

The purpose of this Task 210 SSI is to collect soil and groundwater data in order to evaluate whether the proposed construction activities require management of contaminated soil and/or groundwater.

1.2 Proposed Scope of Work

BL Companies completed a Task 210 SSI work plan, dated May 4, 2016, which was approved by ConnDOT. The scope of work included in the Work Plan detailed the following tasks:

- Pre-drilling activities: (1) obtain a ConnDOT Encroachment Permit, (2) mark proposed drilling locations, if accessible (3) contact Call-Before-You-Dig to request mark outs of subsurface utilities and review existing utility plans, (4) discuss proposed drilling locations and traffic control methods with representatives of ConnDOT and other utility companies/agencies;
- Completion of 61 soil borings to depths ranging from 5 to 15 feet below grade (ftbg) using a Geoprobe direct push rig.
 - 33 soil borings (IB-1 through IB-33) located within the Median Reconstruction Area. *The location of these borings posed an increased risk to personnel and therefore, removed from the final scope of work,*
 - 17 soil borings (B-7 through B-12, B-15 through B-24, and B-26) located within the Northbound and Southbound shoulder,

- Four soil borings (B-3 through B-6) located within the park-and-ride/commuter lot on Hendricks Avenue,
 - Two soil borings (B-13 and B-14) located to the northwest and southeast of Bridge No. 0061, Strawberry Hill Road over I-95
 - Two soil borings (B-27 and B-28) located to the northwest and southeast of Bridge No. 0062, I-95 over Saugatuck Avenue (Route 33), and
 - Three soil borings (B-1, B-2, and B-25) located within proposed drainage features.
- Installation of seven temporary groundwater monitoring wells;
 - Recording lithology and field screening soil samples with a photoionization detector (PID);
 - Collection and laboratory analysis of up to 89 soil samples for one or more of the following:
 - Volatile Organic Compounds (VOCs) by EPA Method 8260;
 - Semi-Volatile Organic Compounds (SVOCs) by EPA Method 8270;
 - Extractable Total Petroleum Hydrocarbons (ETPH) by CT ETPH Method;
 - Total RCRA 8 Metals by EPA Methods 6010/ 7471;
 - Leachable RCRA 8 Metals using the toxicity characteristic leaching procedure (TCLP);
 - Polychlorinated Biphenyls (PCBs) by EPA Method 8082;
 - Pesticides by EPA Method 8081; and
 - Ignitability; Reactivity; and pH.
 - Collection and laboratory analysis of groundwater samples from 7 temporary wells for the following:
 - VOCs by EPA Method 8260;
 - SVOCs by EPA Method 8270;
 - TPH by EPA Method 1664;
 - Pesticides/PCBs by EPA Method 608; and
 - Total and Dissolved RCRA 8 Metals, Copper, and Zinc by EPA Method 200.7/7470.

2.0 LOCAL ENVIRONMENT AND RECEPTORS

2.1 Surficial Geology

According to the "Surficial Materials Map of Connecticut", dated 1992, and the "Quaternary Geologic Map of Connecticut and Long Island Sound Basin, dated 2005, surficial materials of the project area consist mainly of thin till deposits and artificial till closer to the Norwalk River. Thin till is generally less than 10-15 feet thick and includes areas of bedrock outcrop where till is absent and artificial fill is described as earth materials and manmade materials that have been artificially emplaced.

Based on observations during boring installation, surficial materials consist of brown fine to coarse sand with varying amounts of gravel and cobbles, with little to trace amounts of clay. Weathered bedrock was observed in soil borings B-8, B-10, B-12, B-16, B-18, B-24, B-26, and B-28 at depths ranging from 4 to 12 ftbg. Boring logs are included as **Appendix C**.

2.2 Bedrock Geology

According to the "Bedrock Geological Map of Connecticut", dated 1985, the project area contains two types of bedrock, the Trap Falls Formation schist and Ordovician granitic gneiss. Trap Falls Formation is described as a gray to silvery, partly rusty-weathering, medium-grained schist. Ordovician granitic gneiss is described as a light-colored, foliated granitic gneiss. Bedrock refusal occurred at boring B-8 (4 ftbg), B-10 (8 ftbg), B-12 (8 ftbg), B-16 (12 ftbg), B-18 (6 ftbg), B-24 (6 ftbg), B-26 (12 ftbg), and B-28 (5 ftbg).

2.3 Groundwater

Based on a review of the Water Quality Classifications Map for Norwalk, Connecticut, dated November 2015, portions of the project area have been designated by Department of Energy and Environmental Protection (DEEP) as "GA" and "GB" quality. The GA classification indicates water beneath the Site is assumed to be suitable for direct human consumption without treatment. The GB classification indicates water beneath the Site is presumed not suitable for direct human consumption without treatment. The Site is not located in an Aquifer Protection Area. During this Task 210 SSI, groundwater was encountered at depths ranging from 3 to 11.5 ftbg. Based on the presence and proximity of Long Island Sound, the general direction of groundwater flow is inferred to be toward the south.

2.4 Surface Water

The Norwalk River and the Saugatuck River are located within and as part of the western and eastern limits of the project area. According to the above-referenced DEEP map, the Norwalk River is a class "SB" surface water body. Class SB surface waters are designated for use as marine fish, aquatic life, and wildlife habitats, commercial shellfish harvesting, recreation, navigation, and/or an industrial water supply. The Saugatuck River is located as the eastern limit of the Median Reconstruction and Resurfacing project and according to the above-referenced map, is classified as a "SA" surface water body at the location where Bridge No. 0062 crosses the

river. Class SA surface waters are designated for use as marine fish, other aquatic life and wildlife habitats, shellfish harvesting for direct human consumption, recreation, industrial water supply, and navigation.

3.0 FIELD INVESTIGATION AND SAMPLING METHODS

This Task 210 SSI included the advancement of 27 borings, installation of two temporary monitoring wells, and collection and laboratory analysis of 43 soil samples and two groundwater samples. The scope of the field investigation within the Median Reconstruction Area (33 soil borings) was not performed due to the imposed risk to sampling personnel; therefore, soil samples will be collected and characterized after removal from soil stockpiles at the Waste Stockpile Area (WSA). Boring B-7 was also not advanced during this investigation. In addition, groundwater was not encountered at borings B-3, B-8, B-24, B-25, and B-28; therefore, temporary wells were not installed to collect groundwater samples. BL Companies subcontracted Cummins Envirotech, Inc. (CEI) of Old Lyme, Connecticut to advance the borings and to install the temporary wells. The soil boring locations are depicted on ENV-01 through ENV-12.

Soil and groundwater samples were analyzed for regulated constituents of concern associated with historical highway use. **Table 1 in Appendix B** provides a summary of the sampling rationale and the laboratory analyses requested for each soil and groundwater sample. The following sections summarize the field investigation and sampling methodologies used during this investigation.

3.1 Soil Boring Installation and Sampling

On June 27 and 28, 2016, 27 borings, identified as B-1 through B-6 and B-8 through B-28 were advanced using a track-mounted Geoprobe direct-push drill rig to depths ranging from 4 to 15 ftbg. Soil samples were obtained continuously during advancement of the borings using a 2-inch diameter, 5-foot long, thin-walled, sampling device equipped with disposable acetate liners.

A representative portion of each 5-foot soil core was screened with a PID to detect estimated quantities of total VOCs in vapor emitted from the soil. The PID was equipped with a 10.6 eV bulb and was calibrated to isobutylene standard gas (100 parts per million (ppm)). The results of the PID screening were 0.0 ppm for all samples screened with the exception of B-16 which exhibited PID readings ranging from 4 to 10 ppm from the 3 to 7 ftbg interval where a slight petroleum odor was noticed. PID readings are provided on the boring logs in **Appendix C**.

Soil samples for laboratory analysis were collected in two foot intervals from each soil boring. Soil samples were selected for laboratory analysis based upon observations (physical evidence of contamination and/or lithology change) and the results of the field screening. The samples were submitted under proper chain-of-custody to York Analytical Laboratories, Inc. (York) of Stratford, Connecticut, a State of Connecticut Department of Public Health certified environmental testing laboratory.

3.2 Groundwater Sampling

Following soil sampling, a 1-inch diameter PVC screen and riser pipe were inserted into borings B-1 and B-14, as temporary sampling wells. After the groundwater in the temporary wells was allowed to equilibrate, the wells were sampled at a low-flow rate using a peristaltic pump.

Groundwater was pumped directly into pre-preserved sample containers provided by the laboratory and placed in a cooler with ice. The groundwater samples were submitted to York under proper chain-of-custody control.

4.0 REGULATORY CRITERIA

The soil analytical results were compared to the numeric criteria listed in the Connecticut DEEP Remediation Standard Regulations (RSRs), sections 22a-133k-1 through 22a-133k-3 of the Regulations of Connecticut State Agencies, dated June 2013, and also compared to the published 2015 numeric criteria for additional polluting substances not promulgated in the June 2013 RSRs. The RSRs were developed by the DEEP to define the remediation performance standards for soil and groundwater to be protective of human health and the environment.

The RSRs apply specifically to sites at which remedial actions are required by the DEEP under Chapters 445 or 446k of the Connecticut General Statutes (CGS) such as under an administrative order, subsequent to a transfer of an establishment under CGS Section 22a-134a, and to sites that are enrolled in a Voluntary Remediation Program under CGS Sections 22a-133x or 22a-133y.

The Site is not currently regulated under any of these State statutes. However, BL Companies used the numeric criteria stated above as guidance to evaluate the data regarding concentrations of regulated compounds detected in soil. DEEP defines polluted soil as containing any substance at a concentration above the analytical detection limit. Contaminated soil is defined as any substance whose concentration exceeds the numeric criteria of the RSRs. Both classifications require special handling, re-use, and disposal requirements.

Based on discussions between ConnDOT and DEEP, the numeric criteria in the RSRs do not provide the best method for construction projects to determine whether treatment of groundwater is necessary prior to discharge. In accordance with DEEP guidance, groundwater analytical results were compared to the effluent limits established under both DEEP General Permits for the Discharge of Groundwater Remediation Wastewater (to Sanitary or Surface Water) for the purpose of groundwater management.

The following sections provide a brief summary of the soil and groundwater criteria utilized during this Task 210 SSI.

4.1 RSR Soil Criteria

Direct Exposure Criteria (DEC)

The DEC are designed to protect human health from risks associated with exposure to pollutants in contaminated soil within 15 feet of the ground surface.

The RSRs provide two sets of DEC, one for residential land use (RES DEC) and another for industrial/commercial land use (I/C DEC). The CTDEEP RSRs define “residential activity” under CGS Section 22a-133k-1(a) to include any activity related to a residence or dwelling, or to a school, hospital, day care center, playground, or outdoor recreation area. Remediation to the RES DEC is required unless an ELUR is recorded that restricts residential use. For this project, BL Companies compared the soil analytical results to both the RES DEC and I/C DEC.

Pollutant Mobility Criteria (PMC)

The PMC are designed to protect groundwater quality by reducing or eliminating the potential for migration of pollutants to groundwater from contaminated soil. The RSRs provide two sets of PMC based on the groundwater classification of the Site, as designated by DEEP. In a “GA” groundwater classification area, the GA PMC apply to soil located from the ground surface to the depth of the seasonal low water table. As a portion of the project area is in a “GA” area (samples B-16 through B-28), BL Companies compared those soil analytical results to the GA PMC. In a “GB” groundwater classification area, the GB PMC apply to soil located from the ground surface to the depth of the seasonal high water table. As a portion of the project area is in a “GB” area (samples B-1 through B-15), BL Companies compared those soil analytical results to the GB PMC.

4.2 Groundwater Criteria

Maximum Concentration Limits (MCLs) Established in DEEP General Permits for Discharge of Groundwater Remediation Wastewater Directly to Surface Water or Sanitary Sewer

Maximum Concentration Limits (MCLs) established in DEEP General Permits for Discharge of Groundwater Remediation Wastewater Directly to Surface Water or Sanitary Sewer apply to impacted groundwater that is discharged to surface water or sanitary sewer during construction. In order to evaluate whether construction dewatering would require treatment prior to discharge, BL Companies compared the groundwater analytical results to the Remediation Waste Water Discharge MCLs.

5.0 SUMMARY AND EVALUATION OF ANALYTICAL DATA

5.1 Soil Sample Analytical Results

Soil analytical results are summarized in **Table 2** in **Appendix B** along with the regulatory criteria. The soil analytical laboratory reports are included in **Appendix D**.

VOCs

All soil samples were analyzed for VOCs by EPA Method 8260. VOCs were detected in all soil samples at concentrations below the RSR criteria, except at B-23 (2-4') where no VOCs were detected.

SVOCs

All soil samples were analyzed for SVOCs by EPA Method 8270. SVOCs were detected in soil sample B-26 (1-3') at a concentration above the RES DEC and GA PMC. SVOCs were not detected in the remaining samples analyzed.

ETPH

All soil samples were analyzed for ETPH by CT ETPH Method. ETPH was detected in 20 soil samples: B-1 (2-4'), B-2 (2-4'), B-2 (5-7'), B-3 (2-4'), B-6 (2-4')/B-6 DUP (2-4'), B-8 (2-4'), B-9 (1-3'), B-10 (2-4'), B-10 (5-7'), B-15 (2-4'), B-16 (2-4'), B-17 (2-4'), B-19 (2-4'), B-19 (4-6'), B-20 (2-4'), B-22 (6-8'), B-26 (1-3'), B-26 (6-8'), B-27 (1-3'), and B-28 (1-3') at concentrations below the RSR criteria. ETPH was not detected in the remaining samples analyzed.

Metals

All soil samples were analyzed for total RCRA 8 metals.

- Arsenic was detected in all soil samples at concentrations ranging from 1.92 to 16.9 mg/kg. Arsenic exceeded the RES DEC and I/C DEC of 10 mg/kg in soil samples B-4 (2-4'), B-19 (7-9'), and B-27 (1-3').
- Mercury was detected in 10 soil samples at concentrations ranging from 0.0334 mg/kg to 1.32 mg/kg, which are below the RES DEC and I/C DEC.
- Lead, barium, and chromium were detected in all samples at concentrations below the RES DEC and I/C DEC.
- Cadmium was detected in one soil sample, B-10 (5-7'), at a concentration of 2.18 mg/kg, below the RES DEC and I/C DEC.
- Selenium was detected in all soil samples except three, at concentrations below the RES DEC and I/C DEC.
- Silver was not detected in any of the samples analyzed.

The soil samples were additionally analyzed for leachable RCRA 8 metals by TCLP for comparison to the PMC.

- TCLP lead was detected at concentrations above the GA PMC in samples B-24 (2-4'), B-26 (1-3'), and B-28 (1-3'). TCLP lead was detected in 22 samples at concentrations below the GA and GB PMC.
- TCLP barium was detected in all soil samples at concentrations below the GA and GB PMC.
- TCLP chromium was detected in nine soil samples, B-2 (5-7'), B-3 (2-4'), B-3 (6-8'), B-4 (2-4'), B-5 (2-4'), B-10 (5-7'), B-21 (2-4'), B-24 (2-4'), and B-26 (6-8') at concentrations below the GA and GB PMC.
- TCLP cadmium was detected in two soil samples, B-9 (1-3') and B-26 (1-3'), at concentrations below the GA and GB PMC.
- TCLP arsenic, mercury and silver were not detected in any of the samples analyzed.
- Additionally, soil represented by these samples does not contain hazardous levels of metals.

PCBs

All soil samples were analyzed for PCBs by EPA Method 8082. Aroclor 1260 was detected in sample B-26 (1-3') at a concentration of 0.0845 mg/kg, which is below the RES DEC. PCBs were not detected in the remaining soil samples.

Pesticides

All soil samples were analyzed for pesticides by EPA Method 8081. 4'4'-DDT was detected in sample B-26 (1-3') at a concentration above the GA PMC. Pesticides were not detected above the reportable detection limits in any other soil samples.

5.2 Groundwater Sample Analytical Results

Two groundwater samples were submitted for laboratory analysis of VOCs, SVOCs, ETPH, PCBs, pesticides, and total and dissolved RCRA 8 metals, copper, and zinc during this Task 210 SSI. Groundwater analytical results in comparison to the General Permit Discharge MCLs are summarized in **Table 3** in **Appendix B**. The groundwater analytical laboratory reports are included in **Appendix D**.

TPH

TPH was detected in groundwater samples TMW-1 and TMW-2 at concentrations below the Surface Water and Sanitary Sewer MCLs.

VOCs

One VOC (chloroform) was detected in groundwater sample TMW-1 at a concentration of 1.5 ug/L, below the Surface Water and Sanitary Sewer MCLs. VOCs were not detected above the detection limits in the TMW-2 groundwater sample.

SVOCs

SVOCs were detected in groundwater sample TMW-1 and TMW-2 at concentrations below the Surface Water and Sanitary Sewer MCLs. Individual PAHs detected in groundwater samples included phenanthrene and pyrene.

Pesticides

Pesticides were not detected above the detection limits in the groundwater samples analyzed.

PCBs

PCBs were not detected in the groundwater samples analyzed.

Metals

- Total arsenic > Surface Water Discharge MCL in groundwater samples TMW-1 and TMW-2. Dissolved arsenic > Surface Water Discharge MCL in groundwater samples TMW-1/DUP-1 and TMW-2.
- Total lead > Surface Water Discharge MCL in groundwater sample TMW-1. Dissolved lead was not detected in both groundwater samples.
- Total and dissolved barium, chromium, copper, selenium, and/or zinc were detected above the detection limits, but below the DEEP General Discharge Permit MCLs.

5.3 Quality Assurance (QA)/Quality Control (QC) Results

All samples were analyzed using the DEEP Reasonable Confidence Protocol (RCP), where applicable, and meet the RCP requirements. BL Companies also reviewed the laboratory RCP Certification Report to evaluate the reliability of the analytical data. The case narratives do not indicate any non-conformances that would affect the usability of the data. All reportable detection limits were below RSR criteria and DEEP General Discharge Permit MCLs.

Soil

Trip blank samples were prepared at the laboratory and accompanied the sample containers from the laboratory, to the Site, and back to the laboratory. The purpose of the trip blank samples was to evaluate the potential for cross-contamination from the surrounding environment during transport. The trip blank samples were analyzed for VOCs. VOCs were not detected in the trip

blank samples, indicating that there was likely no cross-contamination of the samples during transportation.

A duplicate soil sample was obtained from one randomly selected soil sample location to evaluate the accuracy of the laboratory analytical data, measured as Relative Percent Difference (RPD) as defined by the DEEP Laboratory Quality Assurance and Quality Control Guidance Document, dated May 2009, revised December 2010. The duplicate was obtained from sample B-6 (2-4') and analyzed for VOCs, SVOCs, ETPH, PCBs, pesticides, total and TCLP RCRA 8 metals. The following RPDs did not meet the 50 RPD acceptable limit for soil samples:

- ETPH (89.51): although the RPD for ETPH is higher than the acceptable limit, the concentrations detected in soil are very low in comparison to the RSR criteria; therefore, the data is considered usable.

Groundwater

Trip blank sample was prepared at the laboratory and accompanied the sample containers from the laboratory, to the Site, and back to the laboratory. The purpose of the trip blank samples was to evaluate the potential for cross-contamination from the surrounding environment during transport. The trip blank samples were analyzed for VOCs. VOCs were not detected in the trip blank samples, indicating that there was likely no cross-contamination of the samples during transportation.

A duplicate sample was collected from TMW-1 to evaluate the accuracy of the laboratory analytical data, measured as RPD. The duplicate sample was analyzed for VOCs, SVOCs, TPH, PCBs, pesticides, and total and dissolved RCRA 8 metals, copper, and zinc. The following RPDs did not meet the 30 RPD acceptable limit for aqueous samples:

- ETPH (99.76): ETPH was detected in the original and duplicate at concentrations below the DEEP General Discharge Permit MCLs; therefore, the data usability is not affected.
- Total copper (43.59) and zinc (38.17), and dissolved chromium (31.09), copper (41.95) and zinc (35.60): total and dissolved concentrations were detected in the original and duplicate at concentrations below the DEEP General Discharge Permit MCLs; therefore, the data usability is not affected.
- Total arsenic (63.43): total arsenic concentrations in the original and duplicate samples are above the DEEP General Discharge Permit Surface Water MCLs; therefore, the data usability is not affected.

6.0 POTENTIAL SOURCES OF CONTAMINATION, RECEPTORS, AND IDENTIFIED PRELIMINARY AREAS OF ENVIRONMENTAL CONCERN

The following provides a summary of the potential sources of soil and groundwater contamination identified during completion of this Task 210 SSI, an evaluation of potential pathways for migration, and the identification of preliminary Areas of Environmental Concern (AOECs), a preliminary Low-Level Area of Environmental Concern (LLAOEC), and two preliminary Groundwater Areas of Environmental Concern (GWAEOECs) within the project area. Site Investigation Plans depicting sample locations are included in **ENV-01 through ENV-12** in **Appendix A**.

AOEC 1 – Contaminated Soil at Hendricks Avenue Commuter Lot in the Vicinity of Boring B-4

Total arsenic was detected at concentrations exceeding the RES DEC and I/C DEC in the soil sample B-4 collected at a depth of 2 to 4 ftbg. The source of the arsenic at B-4, located within the Park and Ride lot, appears to be naturally occurring. In addition, low levels of VOCs (at concentrations below the applicable RSR criteria) were detected in the sample collected from boring B-4. Limits of preliminary AOEC 1 are shown on **ENV-01**.

Proposed work within AOEC 1 includes reconstruction and expansion of the park-and-ride/commuter lot located on Hendricks Avenue. Therefore, any soil removed from AOEC 1 should be reused onsite or handled as controlled material. Potential receptors of the impacted soil include workers involved in the construction activities.

AOEC 2 – Contaminated Soil at the Shoulder of I-95 Southbound in the Vicinity of Boring B-19

Total arsenic was detected at concentrations exceeding the RES DEC and I/C DEC in the soil sample collected at a depth of 7 to 9 ftbg. The source of the arsenic appears to be naturally occurring. Limits of preliminary AOEC 2 are shown on **ENV-05** and **ENV-06**.

Proposed work within AOEC 2 includes restoration and resurfacing of the I-95 Southbound shoulder area. Therefore, any soil removed from AOEC 2 should be reused onsite or handled as controlled material. Potential receptors of the impacted soil include workers involved in the construction activities.

AOEC 3 – Contaminated Soil at the Shoulder of I-95 Northbound in the Vicinity of Boring B-24

TCLP lead was detected at concentrations exceeding the GA PMC in the soil sample collected at a depth of 2 to 4 ftbg. The source of the lead appears to be associated with adjacent historical and current highway operations. Limits of preliminary AOEC 3 are shown on **ENV-07** and **ENV-08**.

Proposed work within AOEC 3 includes restoration and resurfacing of the I-95 Northbound shoulder area. Therefore, any soil removed from AOEC 3 should be reused onsite or handled as controlled material. Potential receptors of the impacted soil include workers involved in the construction activities.

AOEC 4 – Contaminated Soil at the Shoulder of I-95 Northbound and Southbound in the Vicinity of Borings B-26, B-27, and B-28

SVOCs, pesticides, arsenic, and lead were detected at concentrations exceeding the RES DEC, I/C DEC, and/or GA PMC in the soil samples collected at depths of 1 to 3 ftbg. The source of the SVOCs, pesticides, and lead appears to be associated with adjacent historical and current highway operations. The source of the arsenic appears to be naturally occurring. Limits of preliminary AOEC 4 are shown on **ENV-010, ENV-11, and ENV-12**.

Proposed work within AOEC 4 includes restoration and resurfacing of the I-95 Northbound and Southbound shoulder areas and reconstruction of the median. Therefore, any soil removed from AOEC 4 should be reused onsite or handled as controlled material. Potential receptors of the impacted soil include workers involved in the construction activities.

LLAOEC “A” – Low Level Soil in the Vicinity of Borings B-1 through B-3, B-5, B-6, B-8 through B-18, B-20 through B-23, and B-25 (Site-Wide)

Low-level VOCs, ETPH, and/or metals (at concentrations below the applicable RSR criteria) were detected in borings B-1 through B-3, B-5, B-6, B-8 through B-18, B-20 through B-23, and B-25 at depths ranging from 1 to 10 ftbg. The source of the VOCs, ETPH, and metals appears to be associated with adjacent historical and current highway operations.

GW AOEC 1 – Contaminated Groundwater in the Vicinity of Boring B-1/TMW-1

Total arsenic and lead and dissolved arsenic were detected at concentrations exceeding the Surface Water Discharge MCLs in groundwater sample TMW-1. The metal contamination may be naturally occurring or associated with adjacent highway operations. Limits of preliminary GW AOEC 1 are shown on **ENV-01**. Based on the results of this investigation, if groundwater within the GW AOEC 1 requires dewatering, it will require special management or treatment. However, groundwater will likely not be encountered during the restoration and resurfacing work. Potential receptors of the impacted groundwater include workers involved in the dewatering activities.

GW AOEC 2 – Contaminated Groundwater in the Vicinity of Bridge No. 0061, Strawberry Hill Road over I-95 at Boring/ B-14/TMW-2

Total and dissolved arsenic were detected at concentrations exceeding the Surface Water Discharge MCLs in groundwater sample TMW-2. The arsenic contamination is most likely naturally occurring. Limits of preliminary GW AOEC 2 are shown on **ENV-04**. Excavations may be performed below the water table during the project. Based on the results of this

investigation, if groundwater within GW AOEC 2 requires dewatering, it will require special management or treatment. Potential receptors of the impacted groundwater include workers involved in the dewatering activities.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the analytical data collected by BL Companies, preliminary LLAOECs, AOECs and GW AOECs were identified within the project area, as summarized below:

- Soil within AOEC 1 contains arsenic at concentrations exceeding RSR numeric criteria and therefore classified as contaminated material. Low levels of VOCs were detected below the RSR numeric criteria.
- Soil within AOEC 2 contains arsenic and lead at concentrations exceeding RSR numeric criteria and therefore classified as contaminated material.
- Soil within AOEC 3 contains lead at concentrations exceeding RSR numeric criteria and therefore classified as contaminated material.
- Soil within AOEC 4 contains SVOCs, pesticides, arsenic, and lead at concentrations exceeding RSR numeric criteria and therefore classified as contaminated material.
- Soil within LLAOEC “A” contains low levels of VOCs, ETPH, and metals below the RSR numeric criteria.
- Groundwater within GW AOEC 1 contains total arsenic and lead and dissolved arsenic above the General Permit MCLs for Surface Water. Therefore, groundwater within the GW AOEC 1 will require special management or treatment if discharged to Surface Water. All metal concentrations are below the General Permit MCLs for Sanitary Sewer.
- Groundwater within GW AOEC 2 contains total and dissolved arsenic above the General Permit MCLs for Surface Water. Therefore, groundwater within the GW AOEC 2 will require special management or treatment if discharged to Surface Water. All metal concentrations are below the General Permit MCLs for Sanitary Sewer.

Based on the results of this Task 210 SSI, BL Companies recommends that a Task 310 – Plans, Specifications, and Estimates be assigned to prepare plans and specifications for the proper management and/or disposal of contaminated materials (soil and groundwater) that may be reused, removed, handled, transported, or disposed during construction activities and for the establishment of appropriate worker health and safety protocols.

8.0 LIMITATIONS

The conclusions stated above are based solely on the information described in this report. The data and observations generated during this investigation reflect the conditions found on the project site on the dates and at the locations specified. Where visual observations are included in the report, they represent conditions at the time of investigation, and may not be indicative of past or future conditions. The data cannot be extrapolated to locations on the Site that were not tested, or to compounds for which tests were not conducted.

Latent conditions and other information may become evident in the future based on currently unavailable evidence. BL Companies assumes no responsibility for such conditions or for the inspection, engineering, or repair that might be required to discover or correct such factors. Should such evidence arise, it should be forwarded to BL Companies so that additional conclusions and recommendations may be evaluated as necessary.

This report has been completed solely for the benefit and individual use of the client. No part thereof, nor any copy of the same, shall be used for any purpose by anyone other than the client. No disclosure or reliance of this report may be made without the prior written consent of BL Companies.

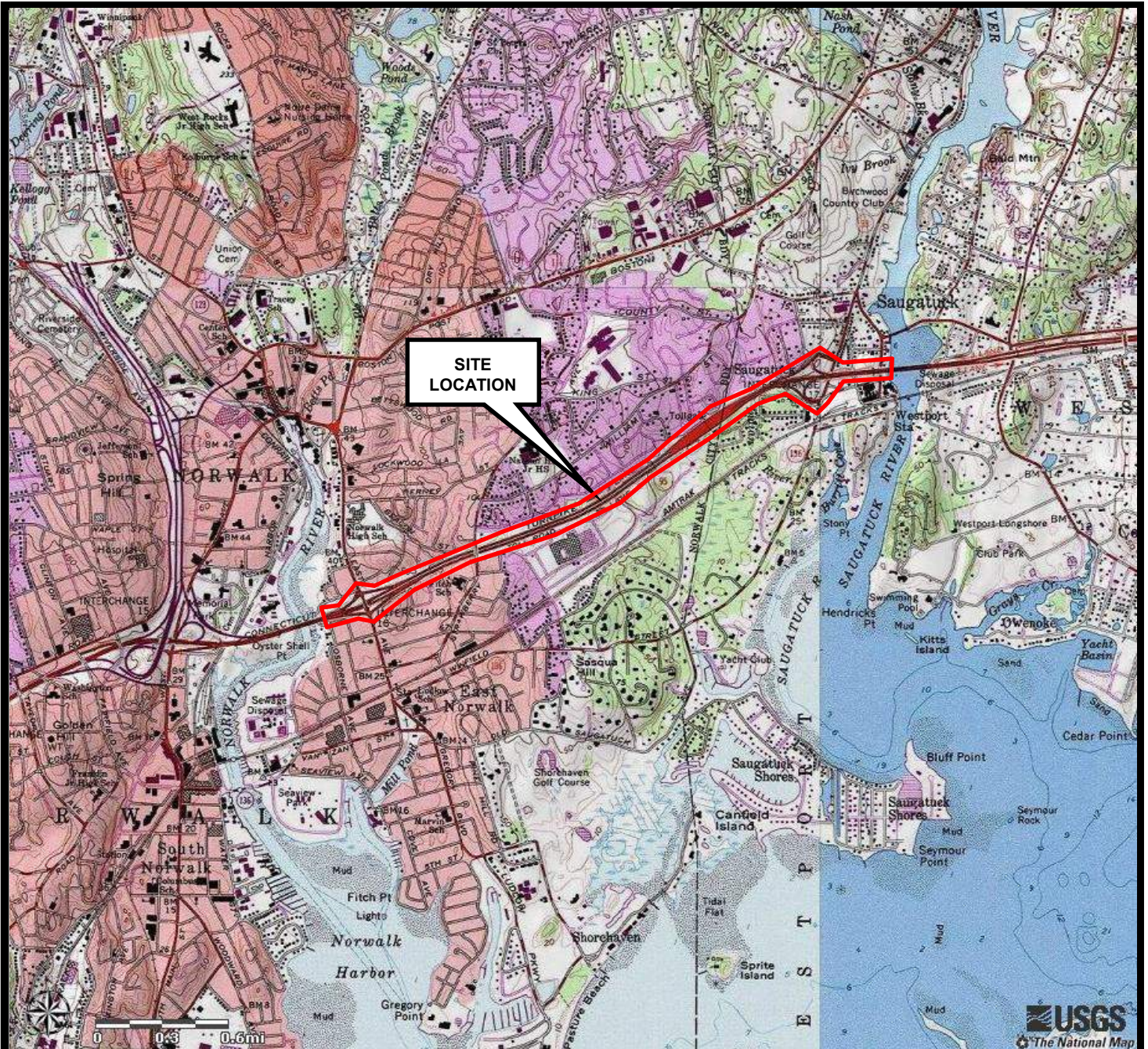
9.0 REFERENCES

1. State of Connecticut Department of Energy and Environmental Protection (CTDEEP), Remediation Standard Regulations, Sections 22a-133k-1 through -3 of the Regulations of Connecticut State Agencies, June 2013.
2. CTDEEP, “Water Quality Classifications Map of Norwalk”, November 2015.
3. CTDEEP, “Recommended Numeric Criteria for Common Additional Polluting Substances and Certain Alternative Criteria”, December 10, 2015.
4. State of Connecticut Department of Transportation, Division of Environmental Compliance, “On-Call Contaminated Soil/Ground Water Scopes” manual, dated 2010.
5. Rogers, John, USGS, “Bedrock Geological Map of Connecticut”, dated 1985.
6. Stone, J., USGS, “Surficial Materials Map of Connecticut”, dated 1992.

APPENDIX A

FIGURES

Figure 1 – Site Location Map
ENV-01 through ENV-12 – Site Investigation Plans



Base map is a reproduction of the U.S.G.S. 7.5 Minute

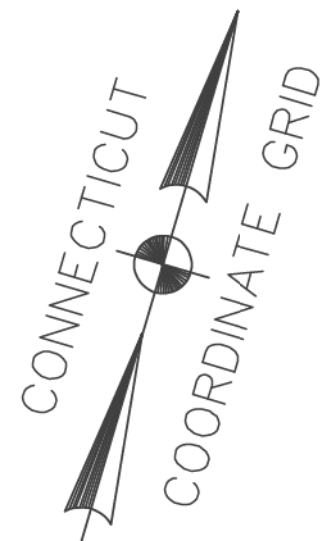


**FIGURE 1
SITE LOCATION MAP**

I-95 Median Reconstruction and Resurfacing
Norwalk/Westport, CT

Project No.
14EC0037





NORWALK RIVER

For Non-Access Highway Line See ROW Map 102-11 Sh 7 of 10

149+00 150+00 151+00 152+00 153+00 154+00 155+00 156+00 157+00 158+00 159+00 160+00

For Non-Access Highway Line See ROW Map 102-11 Sh 7 of 10

- LEGEND**
- SOIL BORING
 - SOIL BORING / TEMPORARY MONITORING WELL
 - PRELIMINARY AREA OF ENVIRONMENTAL CONCERN (AOEC)

**BEGIN STATE PROJECT 102-295
STA 155+50
BEGIN MILLING OF BITUMINOUS
CONCRETE (FULL DEPTH)
PAVEMENT RESURFACING (MAINLINE)
BEGIN MEDIAN RECONSTRUCTION
(SEE GENERAL NOTE NO. 5)**

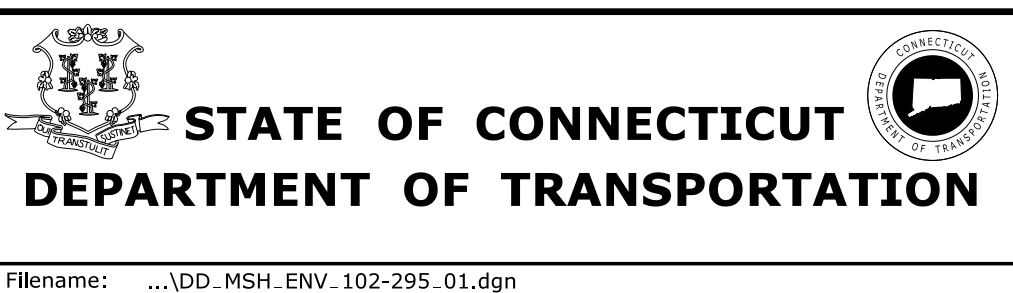
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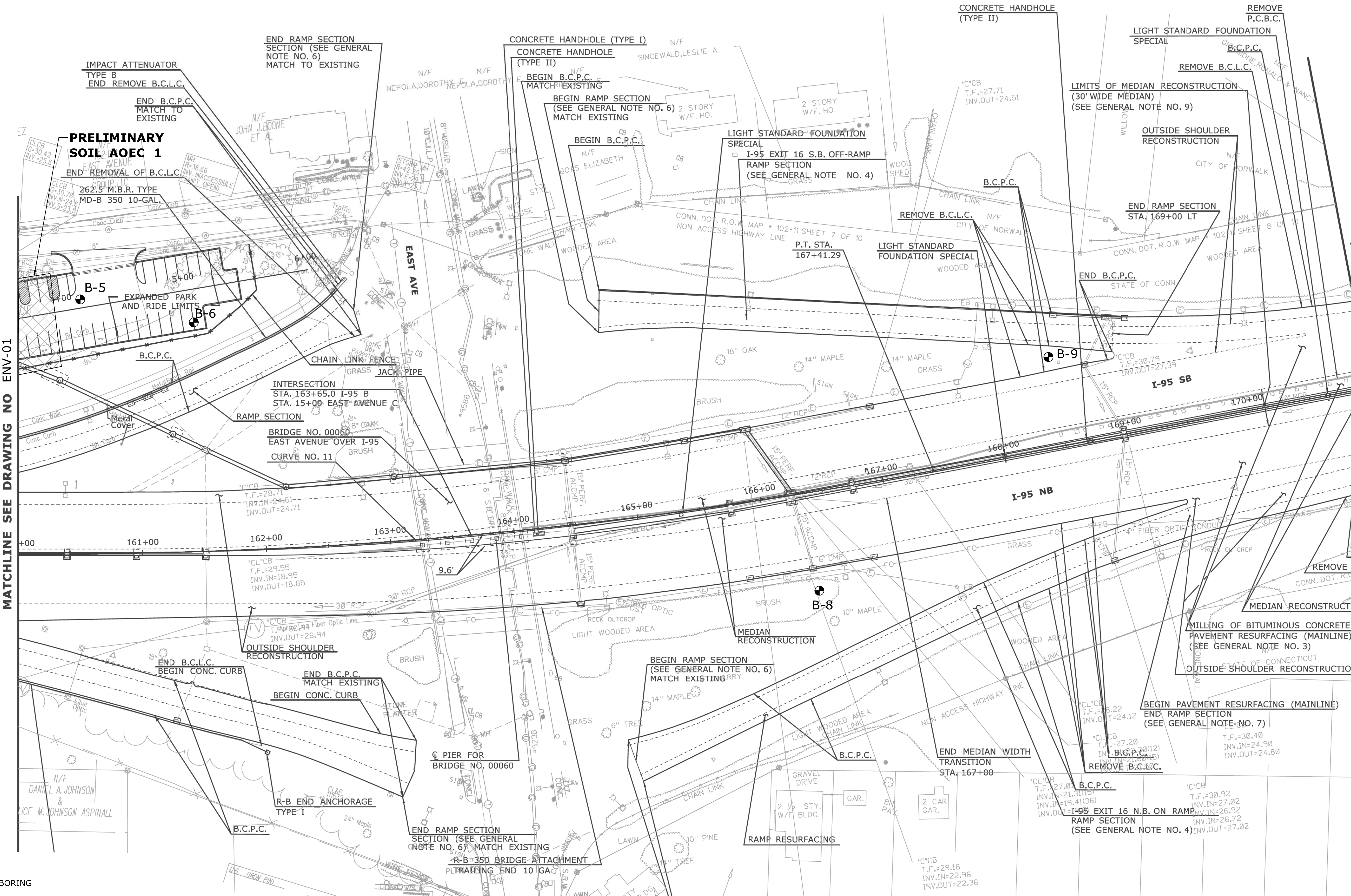
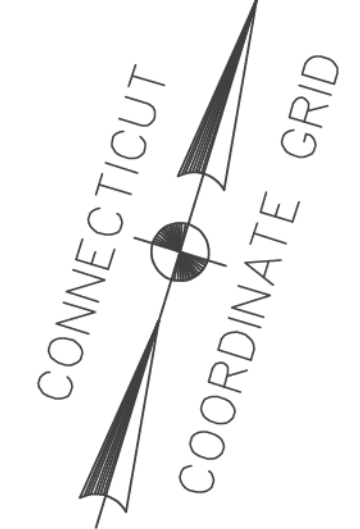
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RECONSTRUCTION OF MEDIAN AND RESURFACING OF I-95

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PROJECT NO. **102-295**
DRAWING NO. **ENV-01**
SHEET NO.

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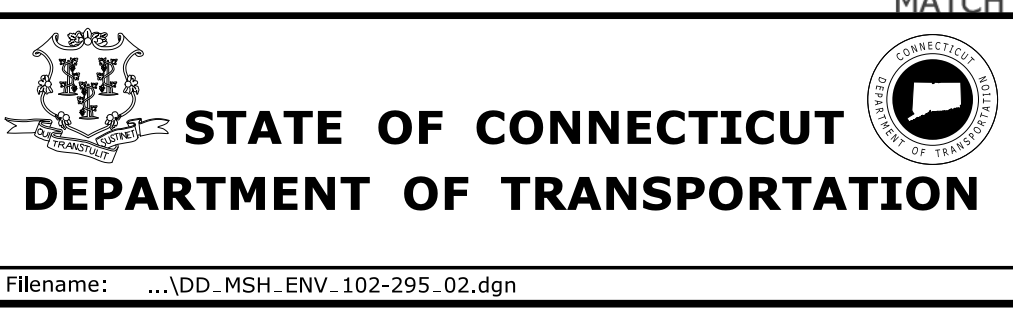
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 - SOIL BORING / TEMPORARY MONITORING WELL
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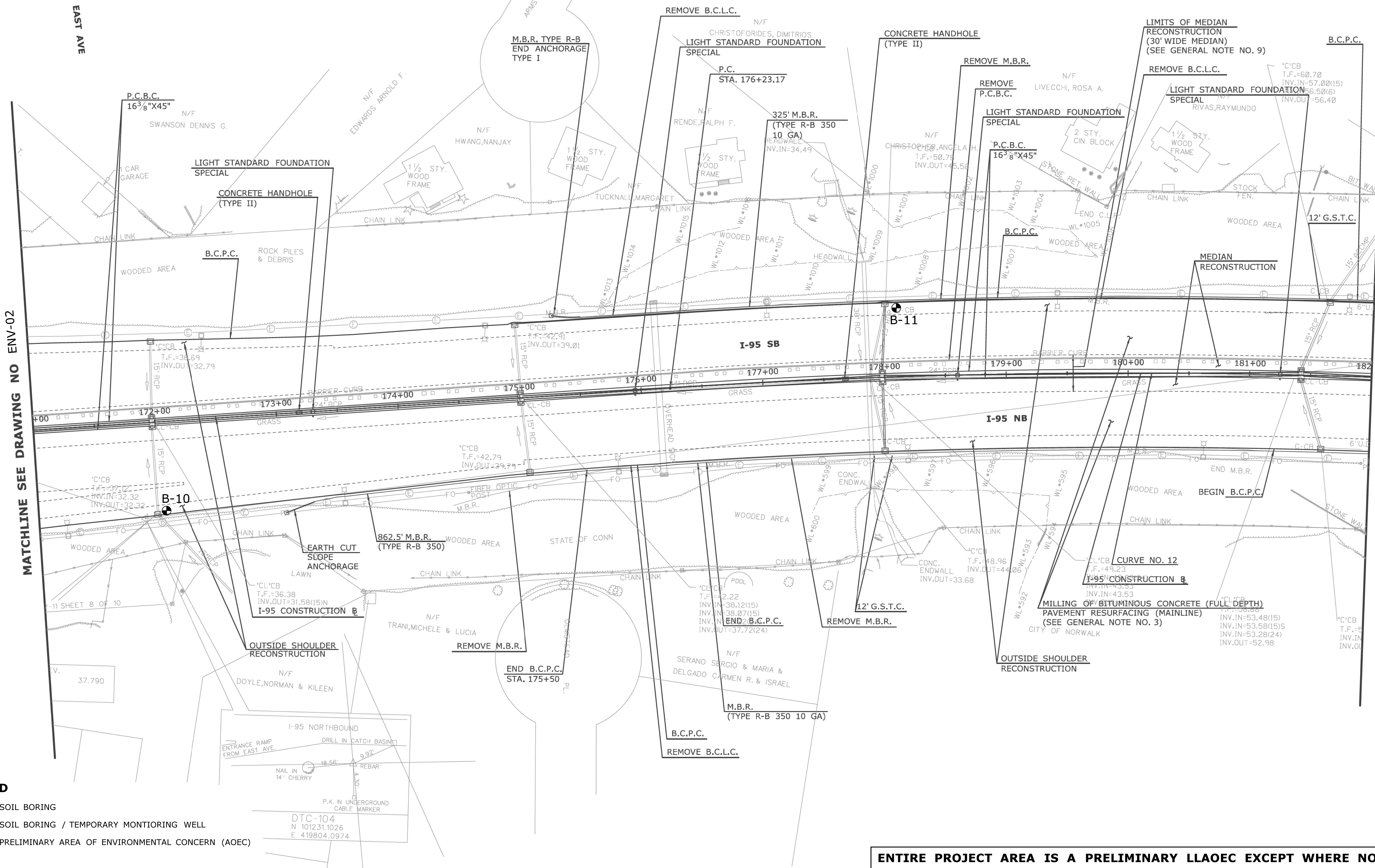
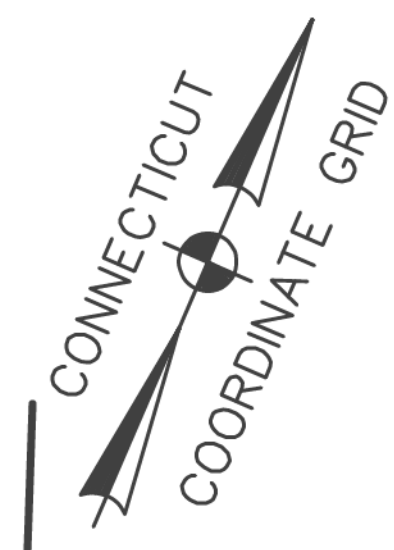
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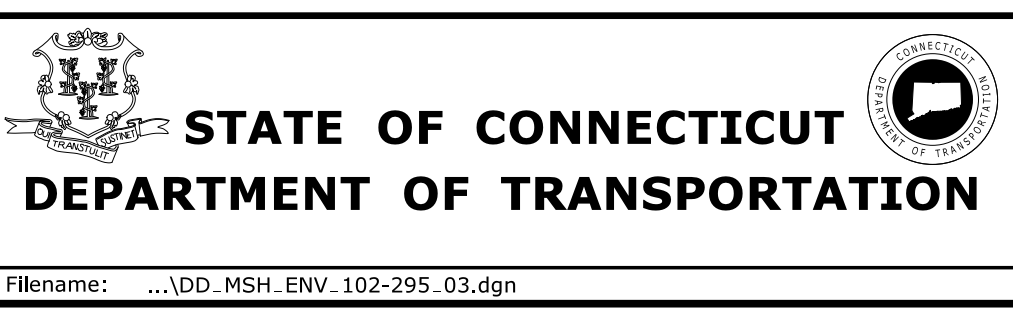
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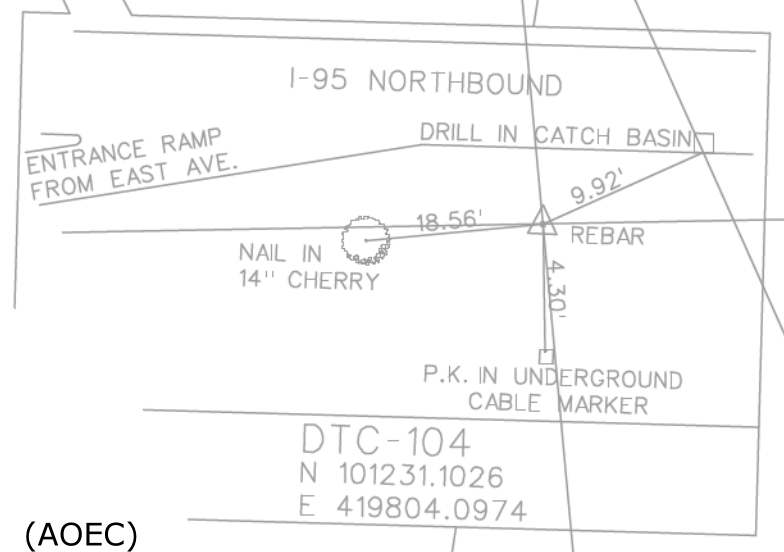
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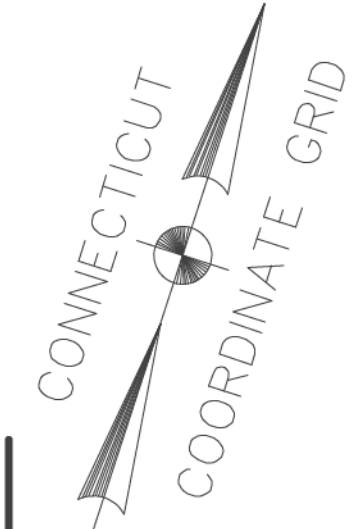
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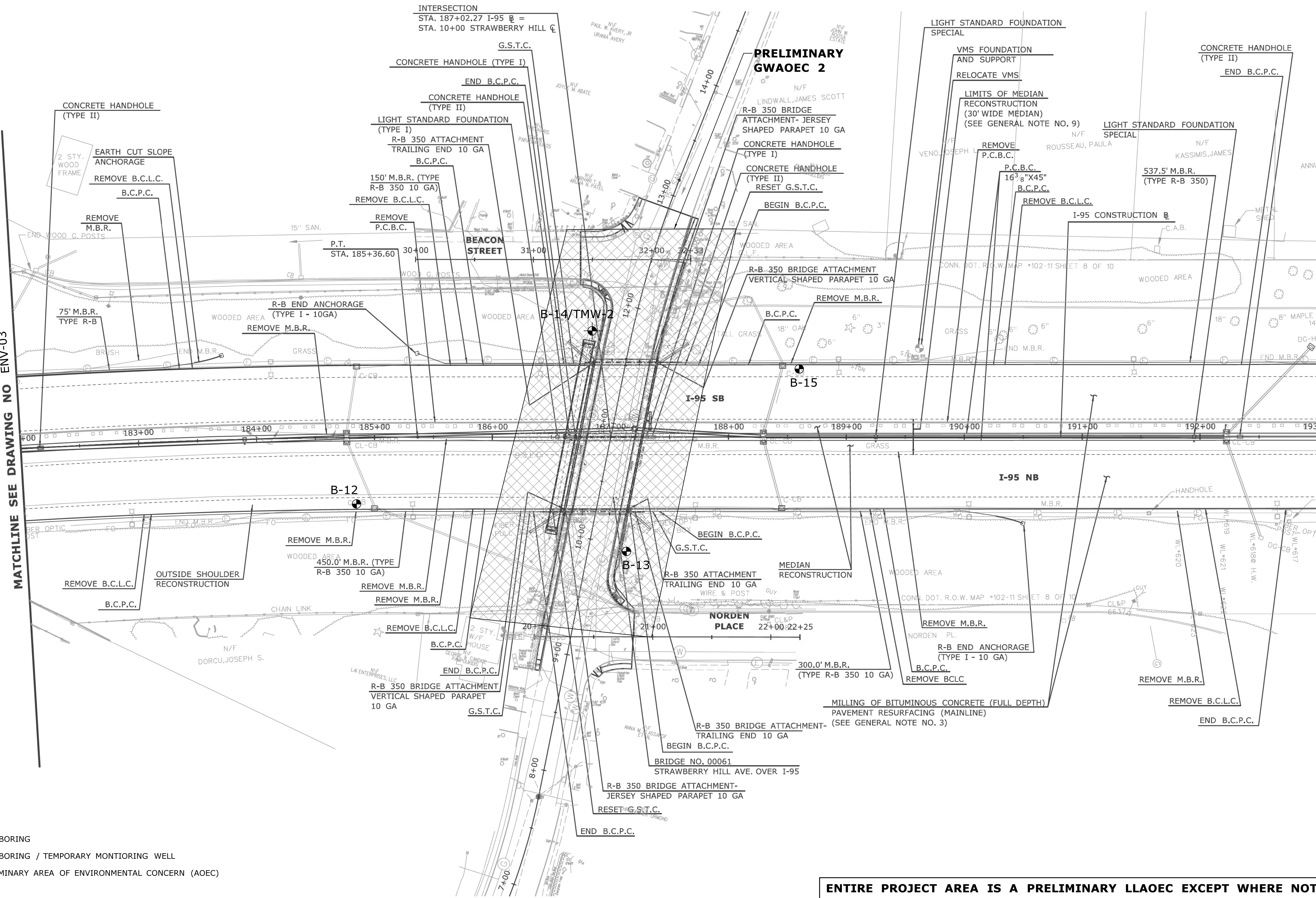


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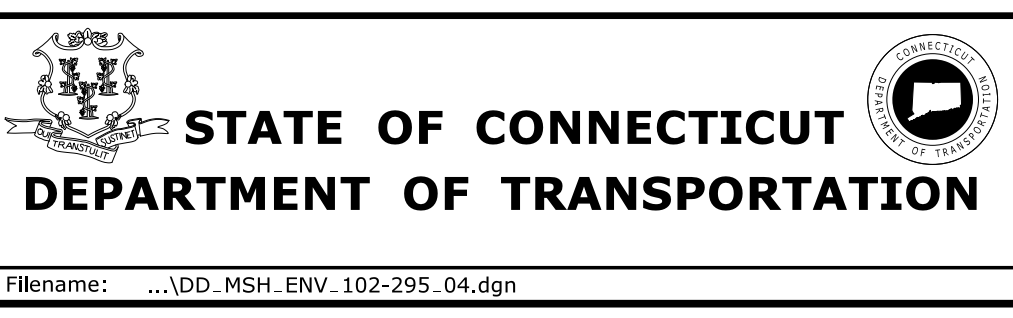


- LEGEND**
- SOIL BORING
 - SOIL BORING / TEMPORARY MONITORING WELL
 - PRELIMINARY AREA OF ENVIRONMENTAL CONCERN (AOEC)

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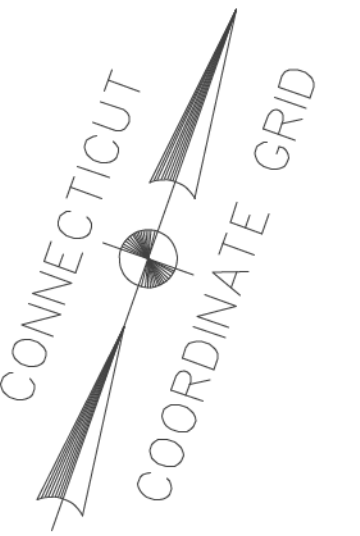


SIGNATURE/BLOCK:
 ARCHITECTURE
 ENGINEERING
 ENVIRONMENTAL
 LAND SURVEYING
 Companies

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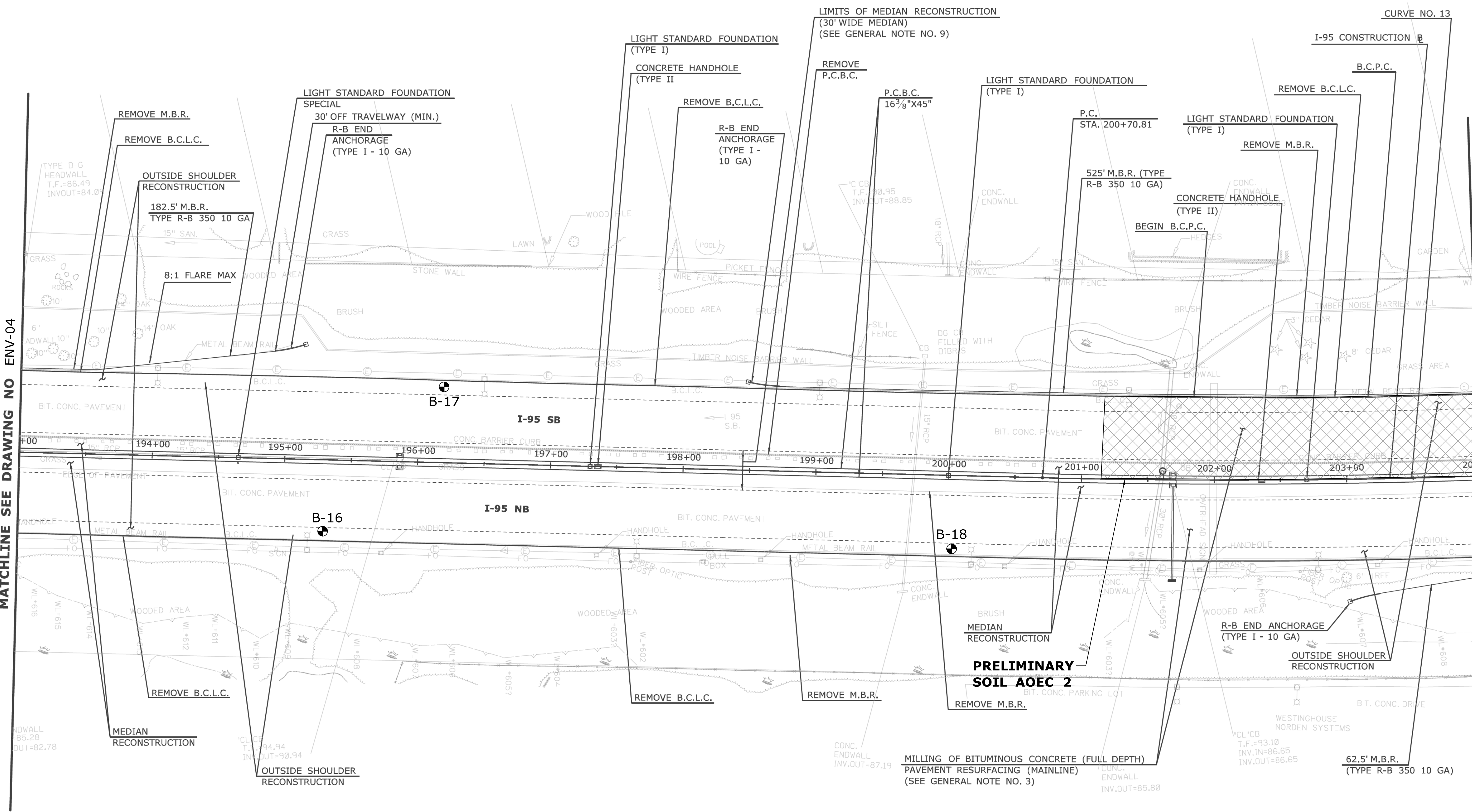
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PROJECT NO. **102-259**
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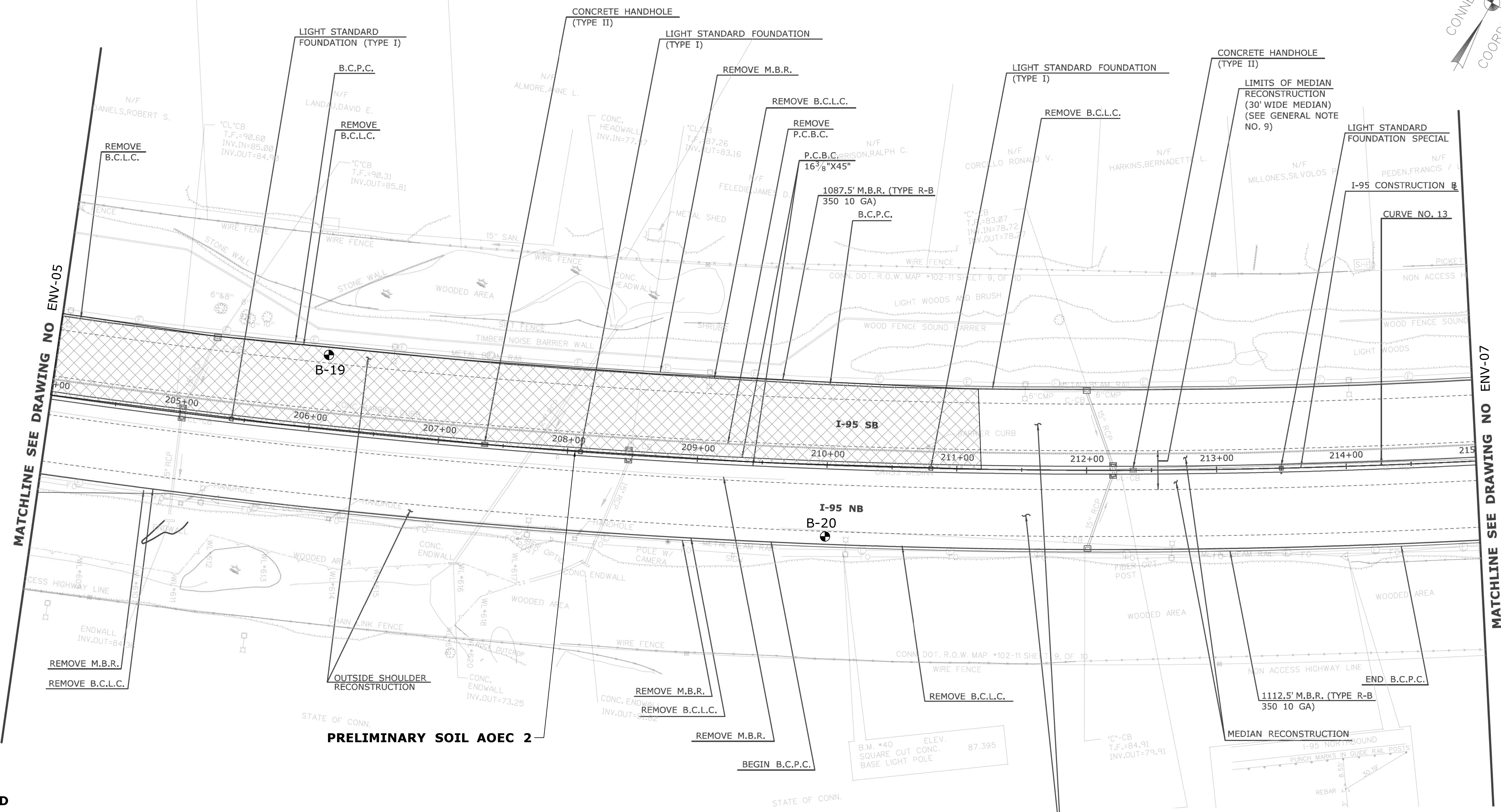
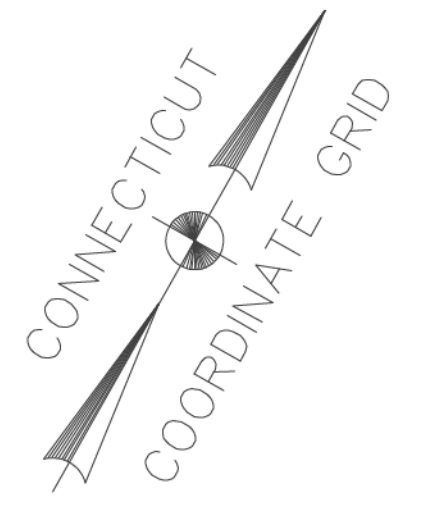
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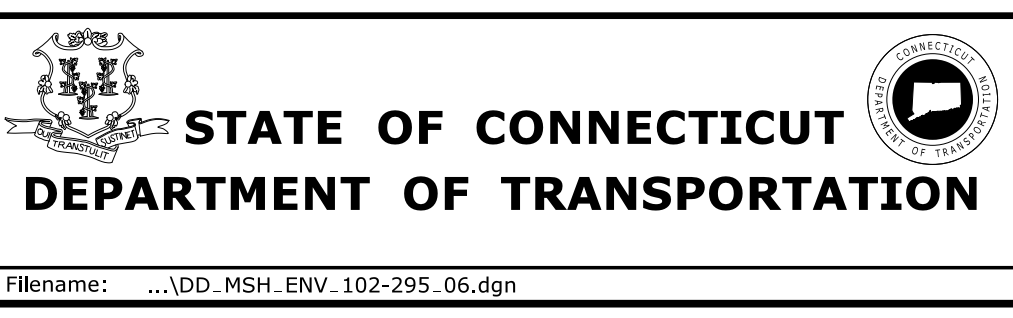
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PAVEMENT RESURFACING (MAINLINE)
(SEE GENERAL NOTE NO. 3)

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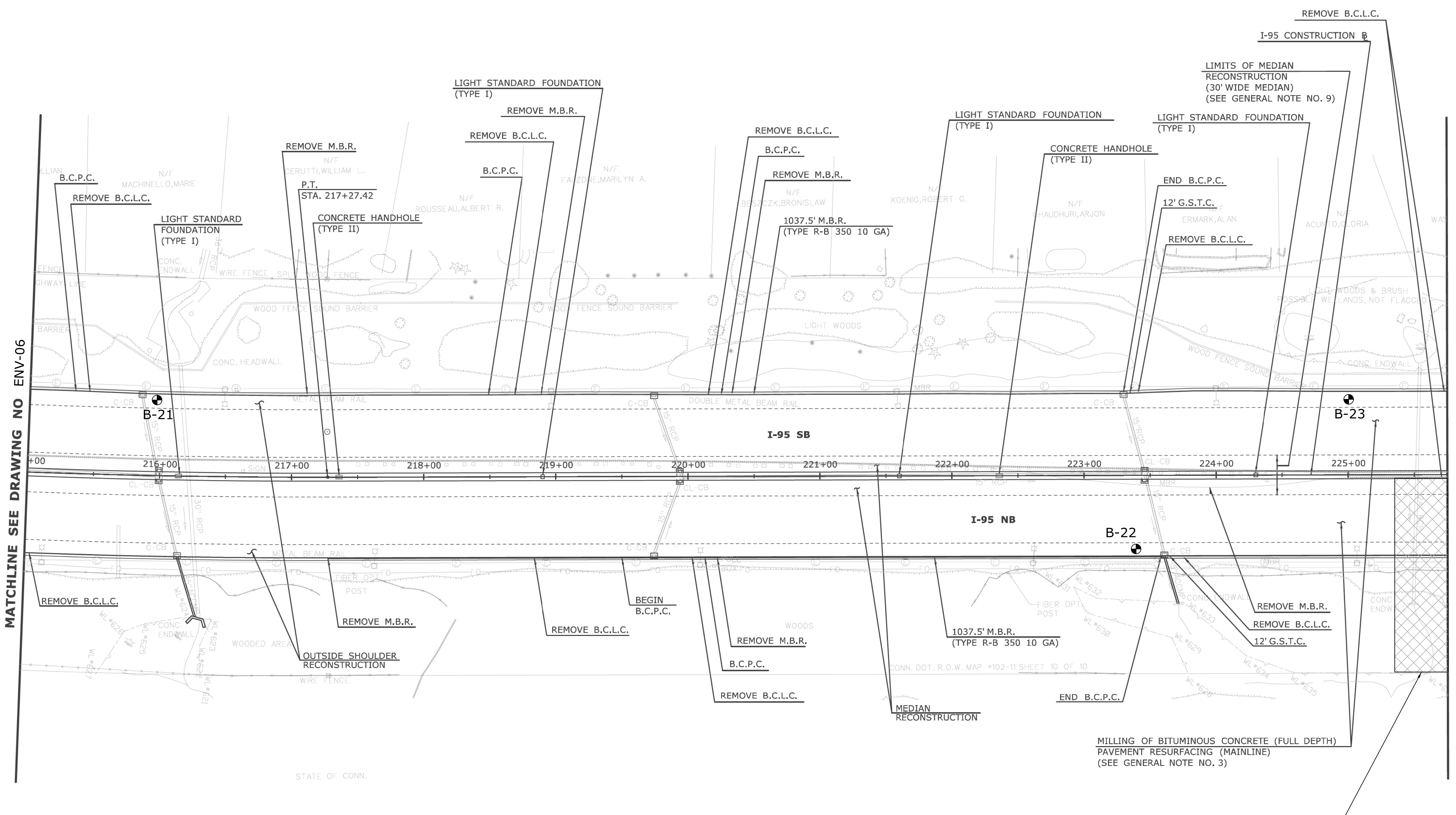
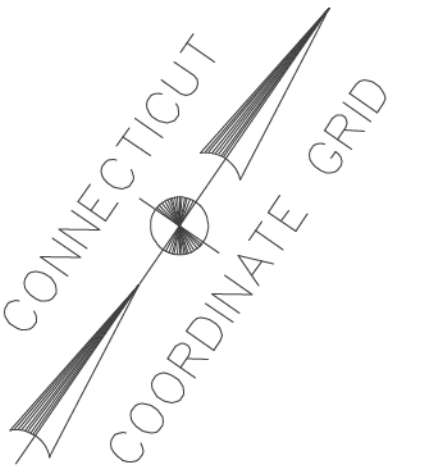
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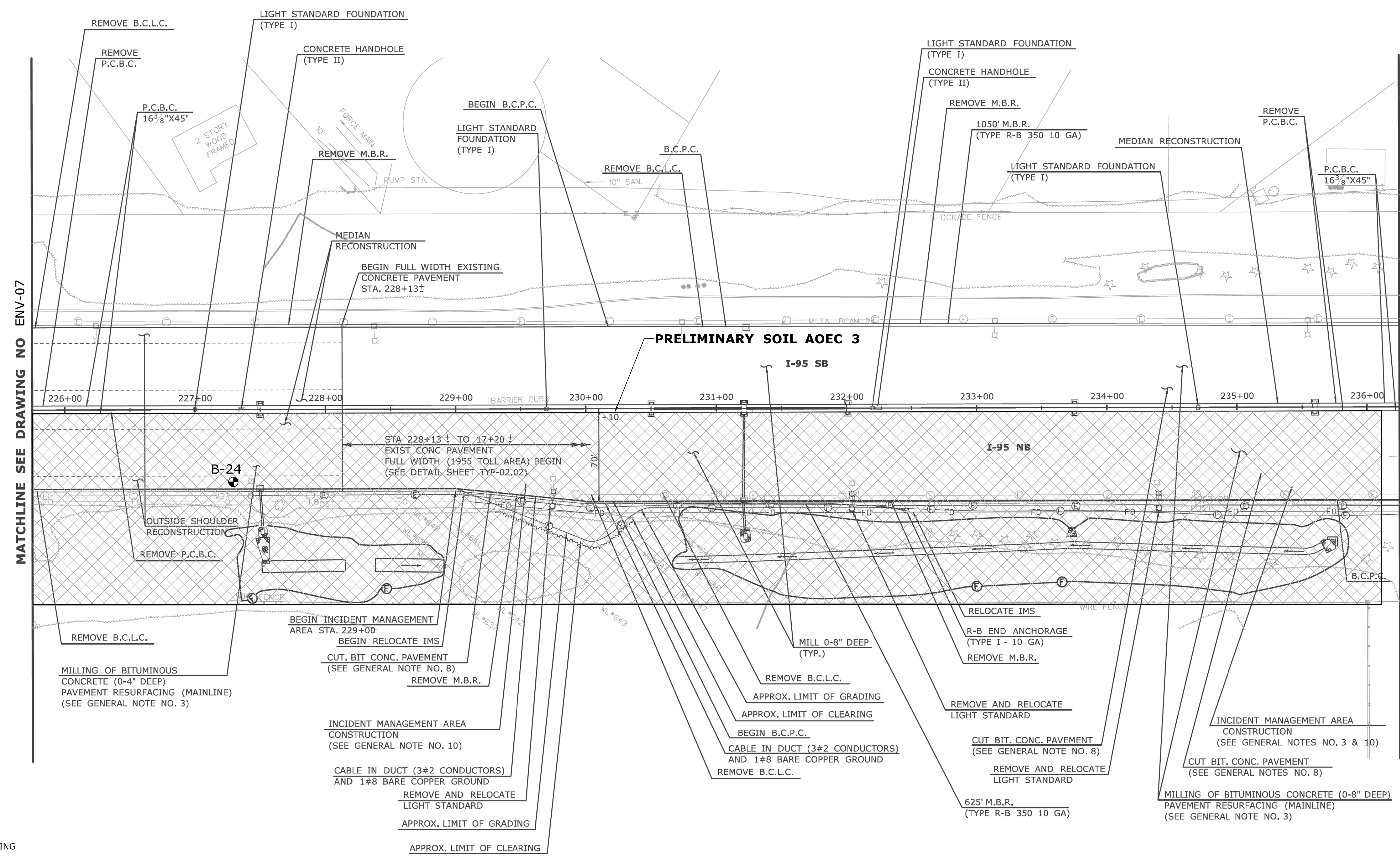
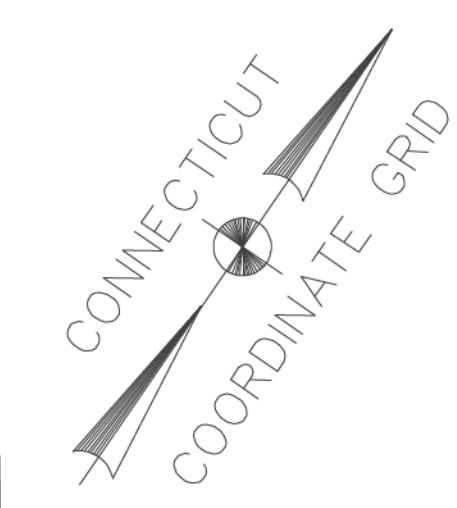
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- SOIL BORING
 - SOIL BORING / TEMPORARY MONITORING WELL
 - PRELIMINARY AREA OF ENVIRONMENTAL CONCERN (AOEC)

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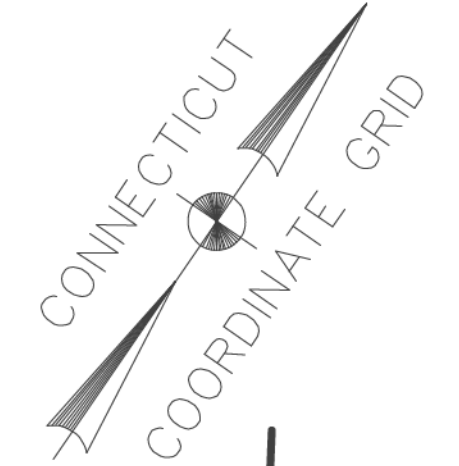
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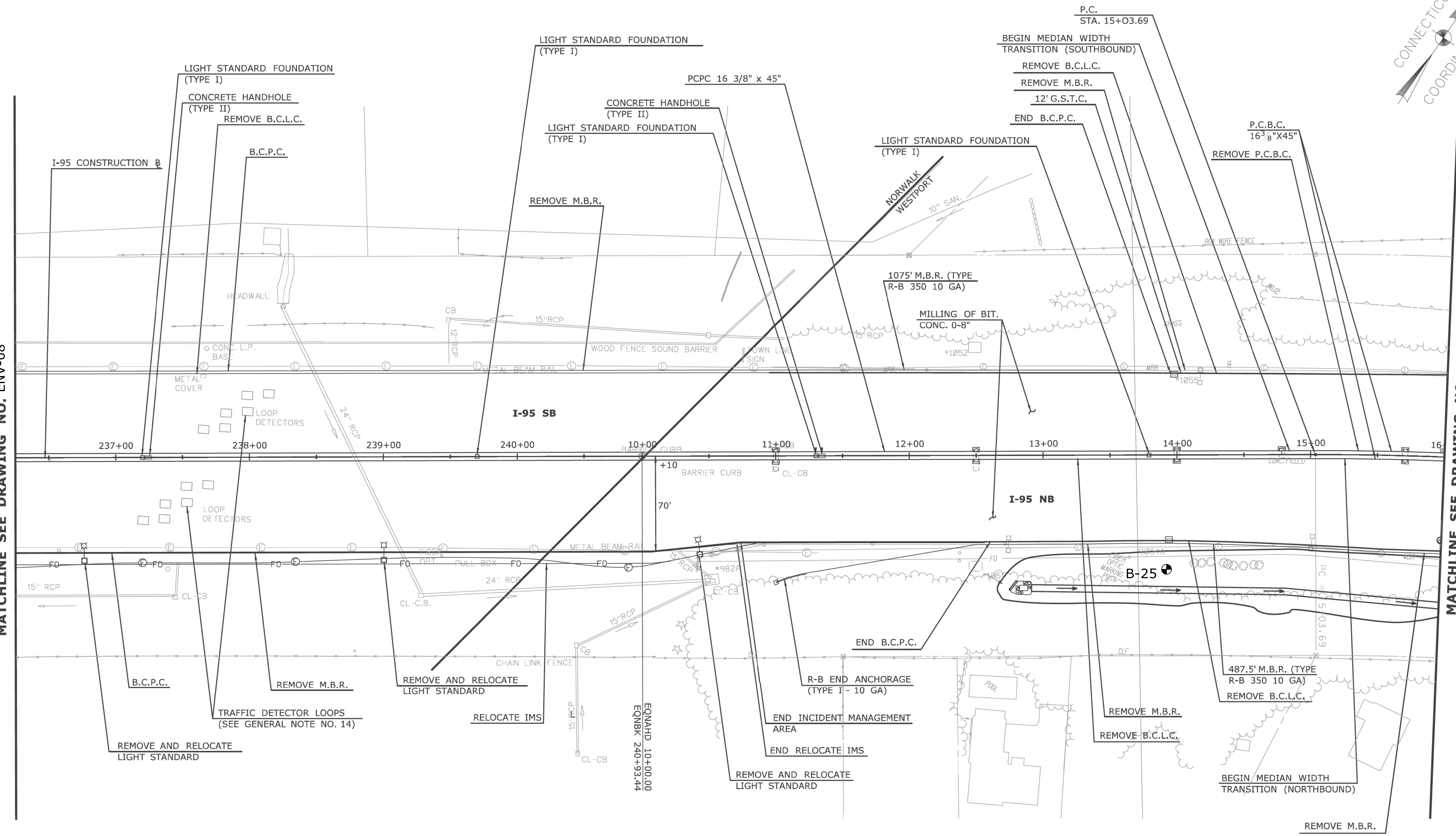
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- LEGEND**
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 - SOIL BORING / TEMPORARY MONITORING WELL
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ENTIRE PROJECT AREA IS A PRELIMINARY LLAOEC EXCEPT WHERE NOTED

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STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

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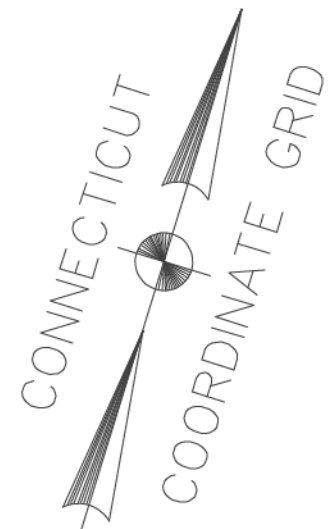
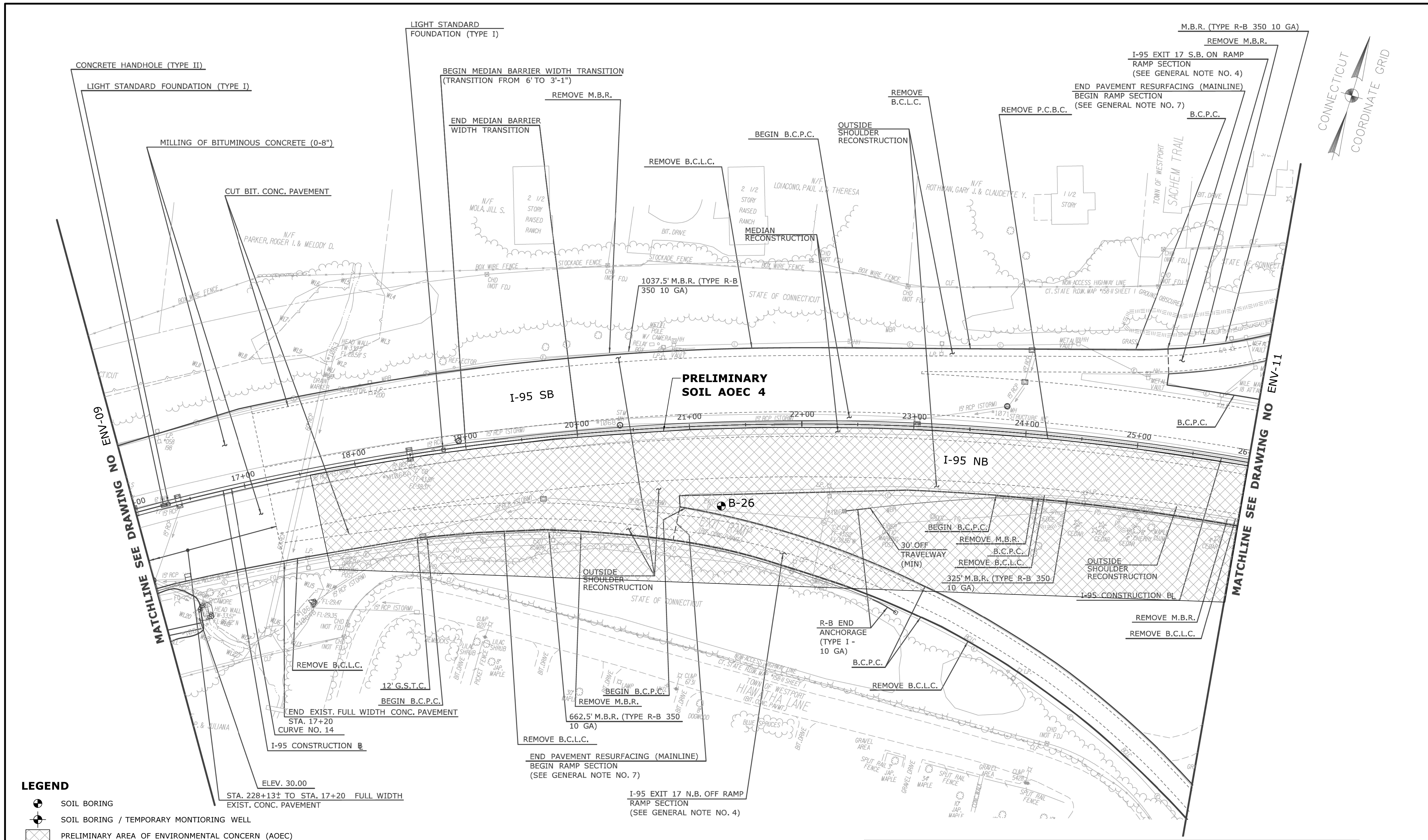
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ENGINEERING
ENVIRONMENTAL
LAND SURVEYING

PROJECT TITLE:
RECONSTRUCTION OF MEDIAN AND RESURFACING OF I-95

TOWN: **NORWALK/WESTPORT**
 DRAWING TITLE:
SITE INVESTIGATION PLAN

PROJECT NO. **102-259**
 DRAWING NO. **ENV-09**
 SHEET NO.



- LEGEND**
- ⊕ SOIL BORING
 - ⊕ SOIL BORING / TEMPORARY MONITORING WELL
 - ⊗ PRELIMINARY AREA OF ENVIRONMENTAL CONCERN (AOEC)

ENTIRE PROJECT AREA IS A PRELIMINARY LLAOEC EXCEPT WHERE NOTED

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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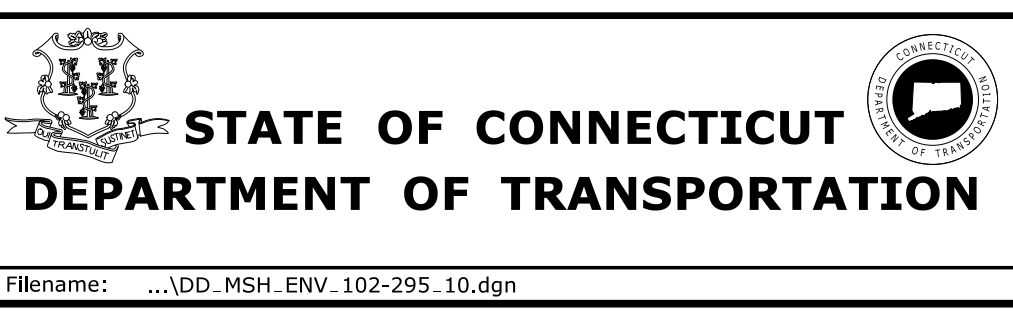
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ENGINEERING
ENVIRONMENTAL
LAND SURVEYING
Companies

PROJECT TITLE:

RECONSTRUCTION AND RESURFACING OF I-95

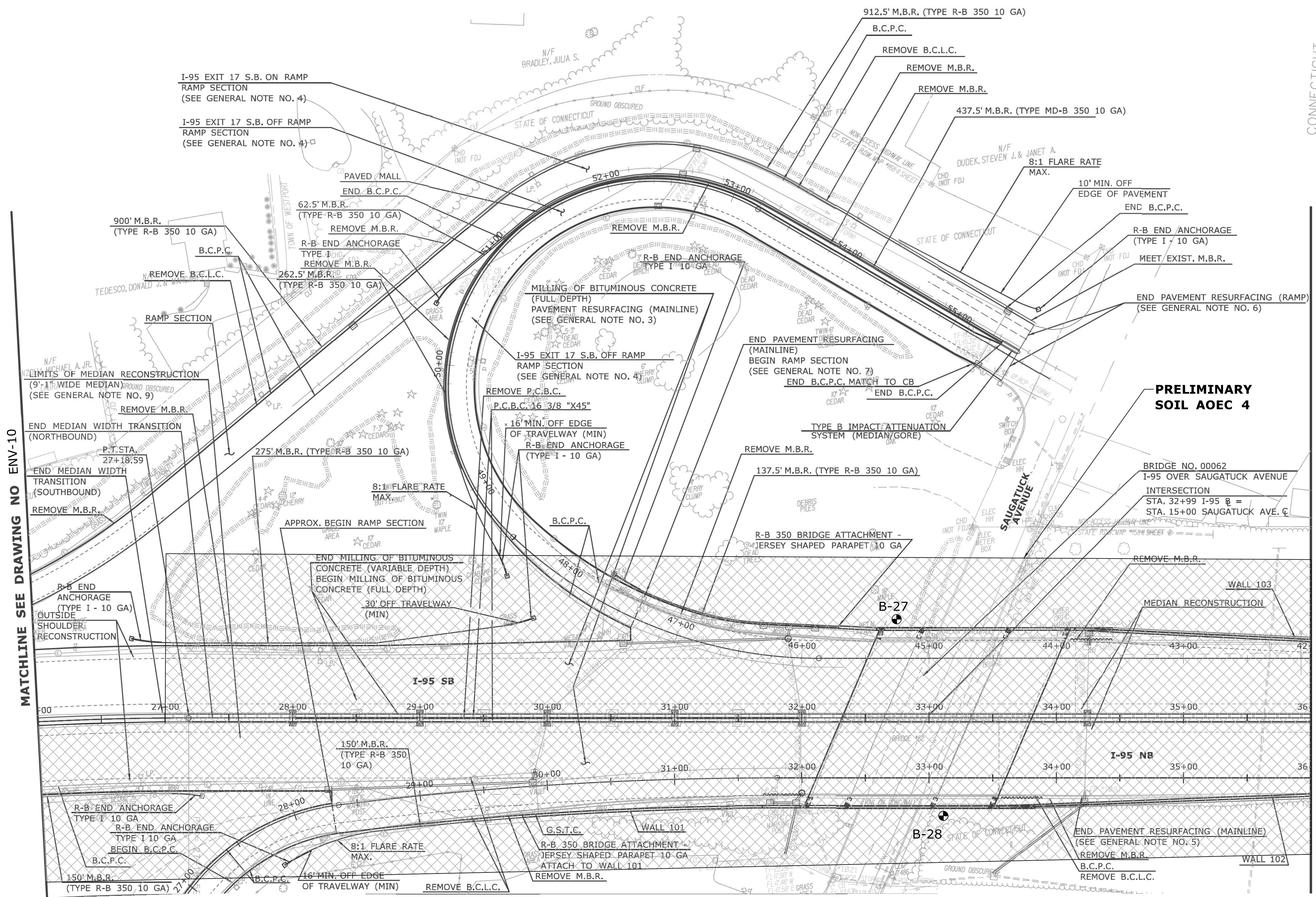
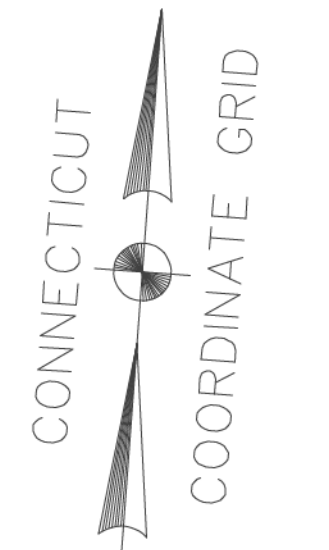
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PROJECT NO. **102-299**

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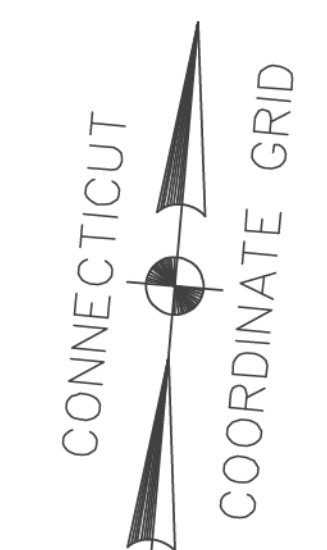
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 - SOIL BORING / TEMPORARY MONITORING WELL
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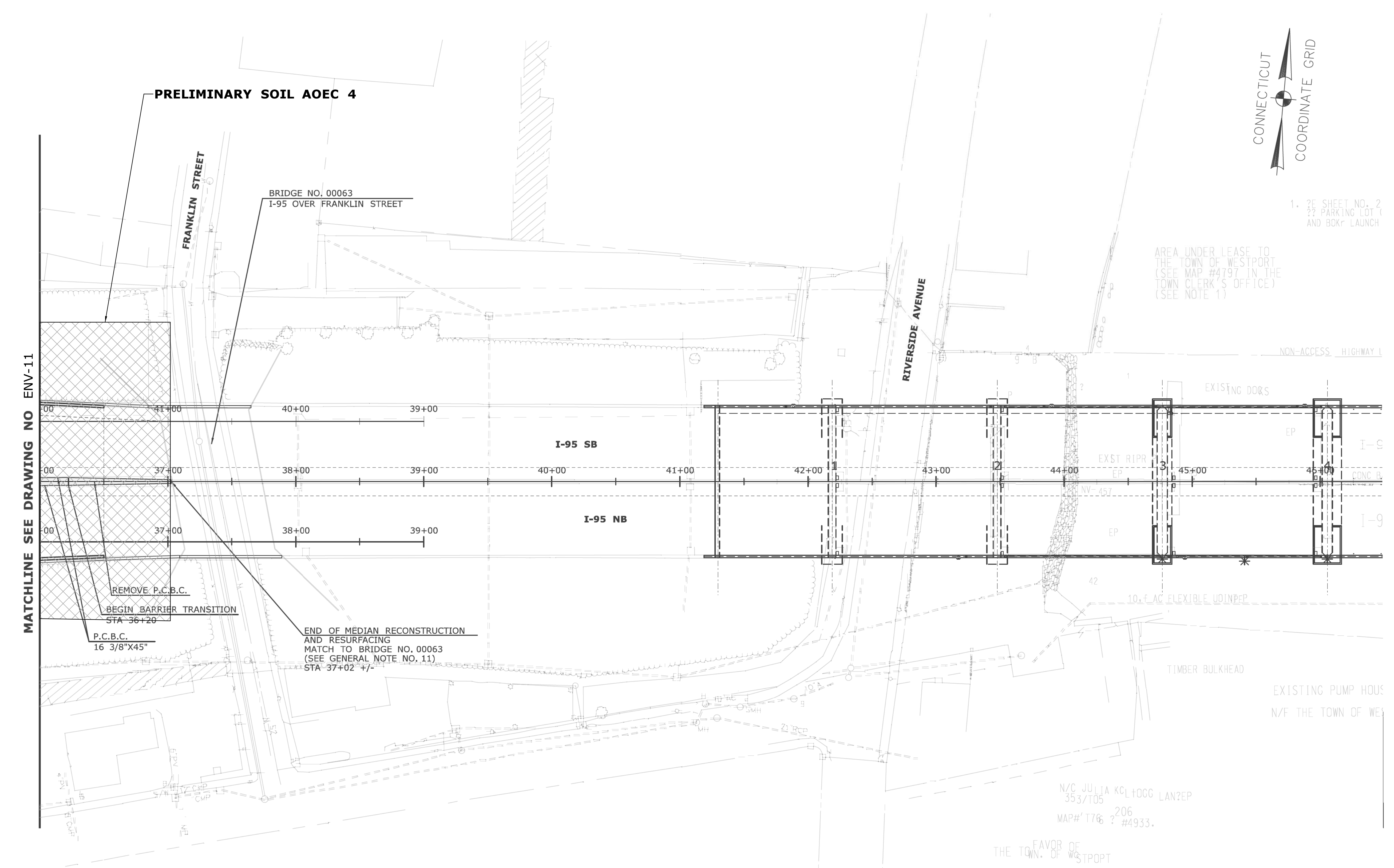
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REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 9/22/2016	Filename: ...DD_MSH_ENV_102-295_11.dgn			

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1. 2E SHEET NO. 2
?? PARKING LOT 1
AND BOK LAUNCH

AREA UNDER LEASE TO
THE TOWN OF WESTPORT
(SEE MAP #4797 IN THE
TOWN CLERK'S OFFICE)
(SEE NOTE 1)



- LEGEND**
- SOIL BORING
 - ⊕ SOIL BORING / TEMPORARY MONITORING WELL
 - ▨ PRELIMINARY AREA OF ENVIRONMENTAL CONCERN (AOEC)

NO PROPOSED SOIL BORINGS ON THIS PLAN

ENTIRE PROJECT AREA IS A PRELIMINARY LLAOEC EXCEPT WHERE NOTED

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.		DESIGNER/DRAFTER: JO CHECKED BY: JK SCALE IN FEET 0 40 80 SCALE 1"=40'	STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION <small>Signature/Block</small>	PROJECT TITLE: RECONSTRUCTION OF MEDIAN AND RESURFACING OF I-95	TOWN: NORWALK/WESTPORT	PROJECT NO. 102-259
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APPENDIX B

TABLES

Table 1 – Sample Location Rationale and Selected Analyses

Table 2 – Soil Analytical Results

Table 3 – Groundwater Analytical Results

**Table 1
Sample Location Rationale and Selected Analyses
I-95 Median Reconstruction and Resurfacing
Norwalk/Westport, Connecticut
ConnDOT Project No. 102-295**

Sample Identification	Matrix	Sample Interval	Location Rationale	VOCs (8260)	SVOCs (8270)	ETPH	PCBs (8082)	Pesticides (8081)	Total RCRA 8 Metals	TCLP RCRA 8 Metals
B-1	Soil	2-4'	Shoulder of I-95 Northbound, near Norwalk River	X	X	X	X	X	X	X
B-2	Soil	2-4'	North of shoulder of I-95 Southbound, west of Yankee Doodle CT and east of Norwalk River	X	X	X	X	X	X	X
		5-7'		X	X	X	X	X	X	X
B-3	Soil	2-4'	Within Park and Ride lot, north of I-95 Southbound and south of Hendricks Ave	X	X	X	X	X	X	X
		6-8'		X	X	X	X	X	X	X
B-4	Soil	2-4'	Within Park and Ride lot, north of I-95 Southbound and south of Hendricks Ave	X	X	X	X	X	X	X
		7-9'		X	X	X	X	X	X	X
B-5	Soil	2-4'	Within Park and Ride lot, north of I-95 Southbound and south of Hendricks Ave	X	X	X	X	X	X	X
		6-8'		X	X	X	X	X	X	X
B-6	Soil	2-4'	Within Park and Ride lot, north of I-95 Southbound and south of Hendricks Ave	X	X	X	X	X	X	X
		DUP		X	X	X	X	X	X	X
B-8	Soil	2-4'	Shoulder of I-95 Northbound	X	X	X	X	X	X	X
B-9	Soil	1-3'	Shoulder of I-95 Southbound	X	X	X	X	X	X	X
B-10	Soil	2-4'	Shoulder of I-95 Northbound	X	X	X	X	X	X	X
		5-7'		X	X	X	X	X	X	X
B-11	Soil	2-4'	Shoulder of I-95 Southbound	X	X	X	X	X	X	X
B-12	Soil	2-4'	Shoulder of I-95 Northbound	X	X	X	X	X	X	X
		5-7'		X	X	X	X	X	X	X
B-13	Soil	3-5'	Shoulder of I-95 Northbound, near Bridge No. 00061 Strawberry Hill Ave	X	X	X	X	X	X	X
		7-9'		X	X	X	X	X	X	X
B-14	Soil	2-4'	Shoulder of I-95 Southbound, near Bridge No. 00061 Strawberry Hill Ave	X	X	X	X	X	X	X
		5-7'		X	X	X	X	X	X	X
B-15	Soil	2-4'	Shoulder of I-95 Southbound	X	X	X	X	X	X	X
B-16	Soil	2-4'	Shoulder of I-95 Northbound	X	X	X	X	X	X	X
		5-7'		X	X	X	X	X	X	X
B-17	Soil	2-4'	Shoulder of I-95 Southbound	X	X	X	X	X	X	X
		8-10'		X	X	X	X	X	X	X
B-18	Soil	2-4'	Shoulder of I-95 Northbound	X	X	X	X	X	X	X
B-19	Soil	2-4'	Shoulder of I-95 Southbound	X	X	X	X	X	X	X
		4-6'		X	X	X	X	X	X	X
		7-9'		X	X	X	X	X	X	X
B-20	Soil	2-4'	Shoulder of I-95 Northbound	X	X	X	X	X	X	X
B-21	Soil	2-4'	Shoulder of I-95 Southbound	X	X	X	X	X	X	X
		6-8'		X	X	X	X	X	X	X
B-22	Soil	2-4'	Shoulder of I-95 Northbound	X	X	X	X	X	X	X
		6-8'		X	X	X	X	X	X	X
B-23	Soil	2-4'	Shoulder of I-95 Southbound	X	X	X	X	X	X	X
B-24	Soil	2-4'	Shoulder of I-95 Northbound	X	X	X	X	X	X	X
B-25	Soil	2-4'	Between shoulder of I-95 Northbound and edge of wooded area	X	X	X	X	X	X	X
B-26	Soil	1-3'	Between shoulder of I-95 Northbound and exit ramp	X	X	X	X	X	X	X
		6-8'		X	X	X	X	X	X	X
B-27	Soil	1-3'	Shoulder of I-95 Southbound	X	X	X	X	X	X	X
B-28	Soil	1-3'	Between shoulder of I-95 Northbound and edge of wooded area	X	X	X	X	X	X	X
Sample Identification	Matrix	Sample Interval (Well Screen)	Location Rationale	VOCs (624)	SVOCs (625)	ETPH (1664)	PCBs (608)	Pesticides (608)	Total RCRA 8 Metals, Cu & Zn (200.7/7470)	Dissolved RCRA 8 Metals, Cu & Zn (200.7/7470)
TMW-1/DUP-1	Groundwater	5 - 15 ftbg	At B-1: Shoulder of I-95 Northbound, near Norwalk River	X	X	X	X	X	X	X
TMW-2	Groundwater	2.5 - 7.5 ftbg	At B-14: Shoulder of I-95 Southbound, near Bridge No. 00061 Strawberry Hill Ave	X	X	X	X	X	X	X
Trip Blank	DI Water	-	-	X	-	-	-	-	-	-

Notes: B-7 was not advanced during the investigation.

Table 2
Soil Analytical Results
I-95 Median Reconstruction and Resurfacing
Norwalk/Westport, Connecticut
ConnDOT Project No. 102-295

Sample Identification					B-1	B-2	B-2	B-3	B-3	B-4	B-4	B-5	B-5	B-6	B-6-DUP	B-8	B-9	B-10	B-10	B-11	B-12	B-12	B-13	B-13	B-14	B-14	B-15		
Sample Depth (ftbg)					2'-4'	2'-4'	5'-7'	2'-4'	6'-8'	2'-4'	7'-9'	2'-4'	6'-8'	2'-4'	2'-4'	2'-4'	1'-3'	2'-4'	5'-7'	2'-4'	2'-4'	5'-7'	3'-5'	7'-9'	2'-4'	5'-7'	2'-4'		
Sample Collection Date					6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/28/2016	6/27/2016	6/28/2016	6/27/2016	6/28/2016	6/27/2016	6/28/2016	6/28/2016	6/27/2016	6/27/2016	6/28/2016	6/28/2016	6/28/2016		
Method / Analyte	RES DEC	I/C DEC	GA PMC	GB PMC	Sample Area in GB Groundwater Classification Area																								
ETPH (mg/kg)	500	2,500	500	2,500	11.7	12.7	12.0	13.0	ND	ND	ND	ND	ND	22.4	58.7	21.1	22.7	24.4	65.4	ND	ND	ND	ND	ND	ND	ND	106		
VOCs (mg/kg)																													
2-Butanone	500	1,000	8	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Acetone	500	1,000	14	140	0.020	0.011	0.012	0.025	ND	0.023	0.014	0.014	ND	0.022	0.023	0.0099	0.012	ND	0.017	ND	ND	ND	0.016	ND	ND	0.011	0.023		
cis-1,2-Dichloroethylene	1	9.5	0.14	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Toluene	500	1,000	20	67	0.014	0.0081	0.0099	0.013	0.0077	0.011	0.0098	0.0097	0.0074	0.010	0.0084	0.010	0.0087	0.0057	0.0054	0.0056	0.0069	0.0096	ND	0.0059	0.0081	0.0082	0.0062		
Trichloroethylene	56	520	0.1	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
SVOCs (mg/kg)																													
Bis(2-ethylhexyl)phthalate	44	410	1	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Pesticides (mg/kg)																													
4,4'-DDT	1.8*	17*	0.003*	0.02*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
PCBs (mg/kg)																													
Aroclor 1260	1	10	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Total RCRA 8 Metals (mg/kg)																													
Arsenic	10	10	--	--	3.70	3.54	2.95	3.05	2.53	16.9	3.86	2.47	8.37	4.04	3.68	4.23	9.02	2.96	4.93	4.45	4.92	8.42	4.25	6.07	4.23	2.91	3.12		
Barium	4,700	140,000	--	--	31.8	36.4	19.6	88.1	71.1	183	37.7	57.6	65.1	117	111	44.4	101	42.7	29.0	64.2	64.2	52.6	65.8	167	86.7	37.3	41.4		
Cadmium	34	1,000	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.18	ND	ND	ND	ND	ND	ND	ND	ND		
Chromium	100**	100**	--	--	9.43	14.5	14.1	17.6	17.8	23.3	11.0	21.7	16.9	27.0	25.3	14.0	44.5	11.8	8.49	16.1	20.6	13.6	20.5	49.2	24.1	10.6	17.1		
Mercury	20	610	--	--	0.0577	0.0366	ND	ND	ND	ND	ND	0.862	ND	1.32	1.01	0.0805	ND	ND	ND	ND	ND	0.0334	ND	ND	ND	ND	ND		
Lead	400	1,000	--	--	11.4	10.9	3.65	8.90	5.12	6.61	5.01	9.95	7.80	34.3	31.9	9.44	9.15	9.64	119	10.4	12.4	15.1	8.43	9.49	4.32	2.81	4.91		
Selenium	340	10,000	--	--	1.11	1.14	ND	2.24	ND	1.60	ND	1.42	2.06	1.64	1.53	2.25	6.83	1.58	3.24	2.34	2.96	3.42	1.75	6.64	3.44	1.72	2.12		
TCLP RCRA 8 Metals (mg/L)																													
Barium	--	--	1	10	0.182	0.137	0.125	0.537	0.378	0.334	0.249	0.292	0.232	0.435	0.431	0.178	0.231	0.249	0.250	0.349	0.203	0.320	0.409	0.458	0.234	0.213	0.429		
Cadmium	--	--	0.005	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Chromium	--	--	0.05	0.5	ND	ND	0.008	0.009	0.008	0.016	ND	0.007	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Lead	--	--	0.015	0.15	0.008	0.027	0.004	0.008	0.007	0.007	0.009	ND	0.006	0.003	0.004	0.005	0.035	0.003	0.019	0.004	0.005	0.005	0.006	ND	ND	ND	0.007		
Selenium	--	--	0.05	0.5	0.012	0.014	0.015	0.013	0.019	0.013	0.015	ND	ND	0.017	0.015	0.012	0.017	0.013	0.016	ND	ND	0.017	0.019	0.012	0.015	0.013	0.022		

Analytical data shown only for an analytical detection of specific parameter
CTDEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
RES DEC = Residential Direct Exposure Criteria
I/C DEC = Industrial-Commercial Direct Exposure Criteria
GA PMC = GA Pollutant Mobility Criteria (applies to samples B-16 through B-28)
GB PMC = GB Pollutant Mobility Criteria (applies to samples B-1 through B-15)
mg/kg = milligrams per kilogram
mg/L = milligrams per liter
ND = Not detected above laboratory reporting limits
NS = Not sampled
* = published 2015 numeric criteria for additional polluting substances not established in 2013 RSRs
** = Criteria based on hexavalent chromium
-- = criteria does not apply
Bold/Shaded = Exceeds CTDEEP RSR Numeric Criteria

Table 2
Soil Analytical Results
I-95 Median Reconstruction and Resurfacing
Norwalk/Westport, Connecticut
ConnDOT Project No. 102-295

Sample Identification					B-16	B-16	B-17	B-17	B-18	B-19	B-19	B-19	B-20	B-21	B-21	B-22	B-22	B-23	B-24	B-25	B-26	B-26	B-27	B-28	Trip Blank	
Sample Depth (ftbg)					2'-4'	5'-7'	2'-4'	8'-10'	2'-4'	2'-4'	4'-6'	7'-9'	2'-4'	2'-4'	6'-8'	2'-4'	6'-8'	2'-4'	2'-4'	2'-4'	1'-3'	6'-8'	1'-3'	1'-3'	-	
Sample Collection Date					6/27/2016	6/27/2016	6/28/2016	6/28/2016	6/27/2016	6/28/2016	6/28/2016	6/28/2016	6/27/2016	6/28/2016	6/28/2016	6/27/2016	6/27/2016	6/28/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	6/27/2016	-	
Method / Analyte	RES DEC	I/C DEC	GA PMC	GB PMC	Sample Area in GA Groundwater Classification Area																					
ETPH (mg/kg)	500	2,500	500	2,500	66.8	ND	17.1	ND	ND	11.8	40.3	ND	12.1	ND	ND	ND	11.1	ND	ND	ND	112	17.7	14.6	23.3	NS	
VOCs (mg/kg)																										
2-Butanone	500	1,000	8	80	ND	ND	0.0091	ND	ND	ND	0.016	ND	0.021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acetone	500	1,000	14	140	0.010	0.020	0.044	ND	0.020	0.012	0.068	0.034	0.082	0.010	0.011	0.014	ND	ND	0.0087	ND	ND	ND	0.0094	ND	ND	
cis-1,2-Dichloroethylene	1	9.5	0.14	1.4	ND	ND	ND	ND	ND	ND	ND	ND	0.0078	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Toluene	500	1,000	20	67	0.0091	ND	0.0064	0.0046	0.0099	0.0050	0.010	0.0071	ND	0.0075	0.0077	0.0095	0.0071	ND	0.0057	0.0079	0.0057	0.0092	0.0086	0.0095	ND	
Trichloroethylene	56	520	0.1	1	ND	ND	ND	ND	ND	ND	ND	ND	0.0067	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SVOCs (mg/kg)																										
Bis(2-ethylhexyl)phthalate	44	410	1	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	ND	ND	ND	NS	
Pesticides (mg/kg)																										
4,4'-DDT	1.8*	17*	0.003*	0.02*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0123	ND	ND	ND	NS	
PCBs (mg/kg)																										
Aroclor 1260	1	10	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0845	ND	ND	ND	NS	
Total RCRA 8 Metals (mg/kg)																										
Arsenic	10	10	--	--	5.38	7.98	8.04	7.11	5.95	2.98	6.93	10.4	3.82	5.58	5.65	2.85	2.22	6.66	1.92	1.93	5.09	7.39	10.2	7.69	NS	
Barium	4,700	140,000	--	--	43.7	88.1	80.5	50.8	79.8	49.0	43.7	98.3	75.8	42.8	76.4	33.9	18.3	47.1	15.4	40.7	113	98.8	26.8	40.1	NS	
Cadmium	34	1,000	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	
Chromium	100**	100**	--	--	12.6	22.4	23.0	15.2	22.4	12.4	21.7	22.0	16.8	14.3	23.2	10.6	4.48	16.1	2.90	14.0	31.7	12.6	11.2	11.6	NS	
Mercury	20	610	--	--	ND	0.0439	0.0399	ND	ND	ND	0.0669	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	
Lead	400	1,000	--	--	7.04	9.08	14.4	3.41	7.60	4.54	25.9	7.27	5.06	6.15	13.8	3.26	4.63	11.7	6.41	2.67	128	6.01	4.65	17.6	NS	
Selenium	340	10,000	--	--	1.91	3.81	4.37	2.24	3.72	1.46	3.57	1.93	2.24	2.72	3.00	1.38	2.65	1.94	1.70	2.45	2.22	2.32	1.44	1.61	NS	
TCLP RCRA 8 Metals (mg/L)																										
Barium	--	--	1	10	0.486	0.415	0.370	0.360	0.369	0.255	0.386	0.428	0.269	0.221	0.243	0.206	0.135	0.130	0.230	0.175	0.511	0.412	0.164	0.53	NS	
Cadmium	--	--	0.005	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.005	ND	ND	ND	NS	
Chromium	--	--	0.05	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND	0.010	ND	ND	0.006	ND	ND	NS	
Lead	--	--	0.015	0.15	0.015	0.004	0.007	ND	0.005	ND	0.013	ND	ND	ND	ND	ND	ND	0.004	0.045	ND	0.997	0.006	0.005	0.155	NS	
Selenium	--	--	0.05	0.5	ND	ND	0.017	0.012	0.017	0.015	0.016	0.017	0.015	0.014	0.012	ND	0.012	0.013	0.012	0.013	0.014	ND	0.017	0.013	NS	

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GB PMC = GB Pollutant Mobility Criteria (applies to samples B-1 through B-15)
mg/kg = milligrams per kilogram
mg/L = milligrams per liter
ND = Not detected above laboratory reporting limits
NS = Not sampled
* = published 2015 numeric criteria for additional polluting substances not established in 201
** = Criteria based on hexavalent chromium
-- = criteria does not apply
Bold/Shaded = Exceeds CTDEEP RSR Numeric Criteria

Table 3
Groundwater Analytical Results
I-95 Median Restoration and Resurfacing
Norwalk/Westport, Connecticut
ConnDOT Project No. 102-295

Parameters	General Permit MCLs		Concentration of Compound in Sample			
	Surface Water	Sanitary Sewer	TMW-1	TMW-1/Dup-1	TMW-2	Trip Blank
			6/28/2016	6/28/2016	6/28/2016	6/28/2016
TPH (mg/L)	5	100	0.632	1.89	4.42	NS
Total VOCs (µg/L)						
Chloroform	NE	NE	1.5	1.5	ND	ND
Total VOCs	50	5,000	1.5	1.5	ND	ND
Total Chlorinated VOCs	NE	1,000	1.5	1.5	ND	ND
SVOCs (µg/L)						
Phenanthrene	NE	NE	0.10	0.08	ND	NS
Pyrene	NE	NE	0.07	ND	0.13	NS
Total PAHs	5	500	0.17	0.08	0.13	NS
Pesticides (µg/L)	various	various	ND	ND	ND	NS
PCBs (µg/L)						
Total PCBs	0.1	1	ND	ND	ND	NS
Total Metals (µg/L)						
Arsenic	0.021	100	5.91	11.4	4.27	NS
Barium	NE	5,000	102	123	371	NS
Chromium	342	1,000	20.4	27.5	14.1	NS
Copper	48	1,000	24.4	38	7.38	NS
Lead	9.8	100	47.4	49.3	2.4	NS
Selenium	40.0	1,000	5.24	5.69	8.09	NS
Zinc	322	1,000	47.7	70.2	57.5	NS
Dissolved Metals (µg/L)						
Arsenic	0.021	100	ND	2.47	2.6	NS
Barium	NE	5,000	29.8	32.5	333	NS
Chromium	342	1,000	4.4	6.02	6.33	NS
Copper	48	1,000	3.24	4.96	3.53	NS
Selenium	40.0	1,000	4.36	4.47	7.96	NS
Zinc	322	1,000	9.49	13.6	34.7	NS
MCL = maximum concentration limits listed in the DEEP General Permit for Discharge of Groundwater Remediation Wastewater mg/L = milligrams per liter µg/L = micrograms per liter ND = Not Detected above the Laboratory Reporting Limit NE = None Established NS = Not Sampled * = Limits Established for Individual Compounds Only detected compounds are listed on table Shade/Bold = Exceeds Surface Water MCL Shade/Bold = Exceeds Sanitary Sewer MCL						

APPENDIX C
BORING LOGS



Architecture
Engineering
Environmental Science
Land Surveying

BORING LOG

Boring No.: B-1/TMW-1

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-1 ASPHALT and SUB BASE				
24			1-15 Brown fine to medium SAND, some Cobbles, trace Clay, wet at 7 ft.		0.0		Sample collected at 2-4 ftbg.
5							
16					0.0		
10							
10					0.0		
15			End of Exploration at 15 ftbg.				1" temporary well screened 5-15 ftbg and removed after sampling.
20							

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Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%



Architecture
Engineering
Environmental Science
Land Surveying

BORING LOG

Boring No.: B-2

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-0.5 GRASS, TOP SOIL WITH ASPHALT DEBRIS				
			0.5-10 Brown fine to coarse SAND, some Gravel, trace Clay, dry loose wet at 6 ft.				
30					0.0		Sample collected at 2-4 ftbg.
5					0.0		Sample collected at 5-7 ftbg.
50							
10			End of Exploration at 10 ftbg.				
15							
20							

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Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%



Architecture
Engineering
Environmental Science
Land Surveying

BORING LOG

Boring No.: B-3

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-0.5 ASPHALT.				
32			0.5-12 Brown, fine to coarse SAND, some Cobbles, dry, loose.		0.0		Sample collected at 2-4 ftbg.
5					0.0		Sample collected at 6-8 ftbg.
48							
10	18				0.0		
			Refusal at 12 ft. Soil dry/no water, therefore no well set.				
15							
20							

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Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%



Architecture
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BORING LOG

Boring No.: B-4

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-0.5 ASPHALT.				
			0.5-9 Brown, fine to coarse SAND, Cobbles, dry, loose.				
28					0.0		Sample collected at 2-4 ftbg.
5							
36					0.0		Sample collected at 7-9 ftbg.
			Refusal at 9 ft.				
10							
15							
20							

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Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%



Architecture
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Environmental Science
Land Surveying

BORING LOG

Boring No.: B-5

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
0-0.5			ASPHALT.				
0.5-9			Light brown, fine to coarse SAND and COBBLES, dry, loose.				
32					0.0		Sample collected at 2-4 ftbg.
5							
32					0.0		Sample collected at 6-8 ftbg.
10			Refusal at 9 ft.				
15							
20							

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Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%



Architecture
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BORING LOG

Boring No.: B-6

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-1 ASPHALT.				
36			1-5 Light brown and dark brown, fine to medium SAND, some Cobbles, trace clay, dry, loose.		0.0		Sample collected at 2-4 ftbg.
5			Refusal at 5 ft.				
10							
15							
20							

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Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%



Architecture
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BORING LOG

Boring No.: B-8

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-1.5 ASPHALT.				
	36		1.5-4 Medium to coarse SAND and WEATHERED BEDROCK.		0.0		
5			Refusal at 4 ft. Off-setting location, refusal again at 4 ft. No temporary well set.				
10							
15							
20							

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BORING LOG

Boring No.: B-9

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
36			0-4 Brown fine to medium SAND, some Cobbles, damp, loose.		0.0		Sample collected at 1-3 ftbg.
5			Refusal at 4 ft.				
10							
15							
20							

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Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%



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BORING LOG

Boring No.: B-10

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-1.5 ASPHALT and SUB-BASE, dry.				
30			1.5-7.5 Light brown fine to medium SAND, dry, trace Asphalt.		0.0		Sample collected at 1-3 ftbg.
5	15				0.0		Sample collected at 5-7 ftbg.
			7.5-8 Weathered bedrock, dry.				
			Refusal at 8 ft.				
10							
15							
20							

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Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%



Architecture
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BORING LOG

Boring No.: B-11

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-1.5 ASPHALT.				
30			1.5-4 Brown fine to medium SAND, some Cobbles, dry, loose.		0.0		Sample collected at 2-4 ftbg.
5			Refusal at 4 ft.				
10							
15							
20							

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Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%



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BORING LOG

Boring No.: B-12

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-1.5 ASPHALT and SUB-BASE				
28			1.5-8 Brown medium to coarse SAND and WEATHERED ROCK, dry, loose.		0.0		Sample collected at 2-4 ftbg.
5					0.0		Sample collected at 5-7 ftbg.
20			Refusal at 8 ft.				
10							
15							
20							

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Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%



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BORING LOG

Boring No.: B-13

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-1.5 ASPHALT and SUB-BASE.				
36			1.5-3 Medium SAND and WEATHERED ROCK, dry, loose.				
5			3-7 Grey, fine SAND and CLAY, firm, moist.		0.0		Sample collected at 3-5 ftbg.
40			7-10 Brown and grey fine to medium SAND, some Clay, trace weathered rock, firm, moist.		0.0		Sample collected at 7-9 ftbg.
10			End of Exploration at 10 ft.				
15							
20							

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Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%



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BORING LOG

Boring No.: B-14/TMW-2

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-1.5 ASPHALT and SUB BASE				
50			1.5-7.5 Brown medium to coarse SAND, some Gravel, wet at 3 ft.		0.0		
5							
20			End of Exploration at 7.5 ftbg.		0.0		1" temporary well screened 2.5-7.5 ft bg and removed after sampling.
10							
15							
20							

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Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%



Architecture
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BORING LOG

Boring No.: B-15

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-1.5 ASPHALT and SUB-BASE.				
50			1.5-5 Brown fine to medium SAND, some Cobbles, dry, dense, some grey Clay at 2-3 ft.		0.0		Sample collected at 2-4 ftbg.
5			Refusal at 5 ft.				
10							
15							
20							

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Architecture
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BORING LOG

Boring No.: B-16

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-1.5 ASPHALT and SUB-BASE.				
30			1.5-3 Brown medium to coarse SAND and WEATHERED ROCK.		0.0		Sample collected at 2-4 ftbg.
5			3-7 Greyish fine SAND, some Clay, slight petroleum odor, dense, damp.		4.0 10.0		Sample collected at 5-7 ftbg.
35			7-11 Brownish grey fine to medium SAND, dense, damp.		8.0 0.0		
10	16		WEATHERED ROCK.		0.0		
			Refusal at 12 ft.				
15							
20							

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BORING LOG

Boring No.: B-17

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-1.5 ASPHALT and SUB-BASE.				
50			1.5-2.5 Brown fine to medium SAND, some Cobbles, dry, loose.		0.0		Sample collected at 2-4 ftbg.
			2.5-4 Brown and grey fine SAND and CLAY, firm, damp.				
5			4-5 Brown fine SAND and CLAY, some Gravel, damp, moderately firm.				Sample collected at 8-10 ftbg.
			5-8 Brown fine to medium SAND, some Cobbles, dry, loose.				
55			8-10 Brown fine SAND and CLAY, some Gravel, wet, moderately firm.		0.0		
10			End of Exploration at 10 ft.				
15							
20							

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Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%



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BORING LOG

Boring No.: B-18

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-1.5 ASPHALT and SUB-BASE.				
30			1.5-4.5 Light brown and dark brown, fine to coarse SAND, trace Gravel, trace Clay, dense, dry.		0.0		Sample collected at 2-4 ftbg.
10			4.5-6 Coarse SAND and WEATHERED ROCK.		0.0		
5			Refusal at 4.5 ft, offset, 2nd refusal at 6 ft.				

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Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%



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BORING LOG

Boring No.: **B-19**

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-1.5 ASPHALT and SUB-BASE.				
	45		1.5-4 Brown fine to medium SAND, some Cobble, dry, loose.		0.0		Sample collected at 2-4 ftbg.
	5		4-6 Grey fine SAND, little Clay, damp, dense.		0.0		Sample collected at 4-6 ftbg.
	55		6-10 Grey and brown fine SAND and CLAY, firm, wet.		0.0		Sample collected at 7-9 ftbg.
	10		End of Exploration at 10 ft.				
	15						
	20						

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Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%



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BORING LOG

Boring No.: B-20

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-1.5 ASPHALT and SUB-BASE.				
28			1.5-6.5 Light brown, fine to coarse SAND, some Cobbles, little black, fine SAND at 3-4 ft.		0.0		Sample collected at 2-4 ftbg.
5	6		Refusal at 6.5 ft.				
10							
15							
20							

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Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%



Architecture
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BORING LOG

Boring No.: B-21

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-1.5 ASPHALT and SUB-BASE.				
44			1.5-4.5 Brown fine to medium SAND, some Cobbles, dry, loose.		0.0		Sample collected at 2-4 ftbg.
5			4.5-12 Brown fine to medium SAND, some Cobbles, little Clay, damp, loose, wet at 11.5 ft		0.0		Sample collected at 6-8 ftbg.
28			Refusal at 12 ft.				
10							
15							
20							

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Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%



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BORING LOG

Boring No.: B-22

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-1.5 ASPHALT and SUB-BASE.				
40			1.5-10 Light bronw fine to coarse SAND, some Gravel, dry, loose.		0.0		Sample collected at 2-4 ftbg.
5							
20					0.0		Sample collected at 6-8 ftbg.
10			Refusal at 10 ft.				
15							
20							

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Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%



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BORING LOG

Boring No.: B-23

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-1 ASPHALT and SUB-BASE.				
40			1-5.5 Brown fine to medium SAND, some Cobbles, little Clay, dense, damp.		0.0		Sample collected at 2-4 ftbg.
5	4		Refusal at 5.5 ft.				
10							
15							
20							

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BORING LOG

Boring No.: B-24

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-2 ASPHALT and SUB-BASE.				
30			2-4 Brown to light brown, fine to coarse SAND, some Gravel and Weathered Rock, loose, dry.		0.0		Sample collected at 2-4 ftbg.
			4-6 WEATHERED ROCK.				
5	6		Refusal at 6 ft.				
10							
15							
20							

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Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%



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BORING LOG

Boring No.: B-25

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
			0-1.5 ASPHALT, CONCRETE and SUB-BASE.				
38			1.5-4.5 Light brown fine to medium SAND, some Gravel, loose, dry.		0.0		Sample collected at 2-4 ftbg.
5			Refusal at 4.5 ft.				
10							
15							
20							

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BORING LOG

Boring No.: B-26

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
30			0-4 Light brown fine to medium SAND, little Gravel, little Clay, medium dense, dry, trace Asphalt at 3 ft.		0.0		Sample collected at 1-3 ftbg.
5			4-12 Brown fine to medium SAND, some Weathered Rock, little Clay, loose, dry with moist layers.		0.0		Sample collected at 6-8 ftbg.
30					0.0		
10	20		Refusal at 12 ft.				
15							
20							

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Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%



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BORING LOG

Boring No.: B-27

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
38			0-4 Light brown fine SAND, little Gravel, trace Silt, dry, loose.		0.0		Sample collected at 1-3 ftbg.
5			Refusal at 4 ft.				
10							
15							
20							

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BORING LOG

Boring No.: B-28

Project No.: 14EC0037

Boring Co.: CEI

Site Name: I-95 102-295

Drill Rig: 7820DT

Date: 6/27-6/28/2016

Drill Method: Direct Push

Logged by: Brian Gaulzetti

Driller: Bob Miller

Weather: Night- 70-80°F, cloudy/rainy

Borehole Dia: 3.25 Inches

Depth (ft)	Recovery (in)	Graphic Log	Description	Sample	PID	Completion Diagram	Remarks
36			0-5 Light brown fine to medium SAND, some Weathered Rock.		0.0		Sample collected at 1-3 ftbg.
5			Refusal at 5 ft.				
10							
15							
20							

G:\JOBS\14\14EC\14EC0037\ENVIRON\Task 210\Soil borings\Boring Logs\14EC0037 Sediment logs 2016 .w12

Proportions Used: Trace = 1 to 10%, Little = 10 to 20%, Some = 20 to 30%, And = 30 to 50%

APPENDIX D

LABORATORY ANALYTICAL REPORTS



Technical Report

prepared for:

BL Companies
355 Research Parkway
Meriden CT, 06450
Attention: Joy Kloss

Report Date: 07/13/2016
Client Project ID: 14EC0037
York Project (SDG) No.: 16F1183

CT Cert. No. PH-0723

New Jersey Cert. No. CT-005



New York Cert. No. 10854

PA Cert. No. 68-04440

BL Companies
355 Research Parkway
Meriden CT, 06450
Attention: Joy Kloss

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 June 30, 2016 and listed below. The project was identified as your project: **14EC0037**.

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>
16F1183-01	B-1-2'-4'	Soil	06/28/2016	06/30/2016
16F1183-02	B-2-2'-4'	Soil	06/28/2016	06/30/2016
16F1183-03	B-2-5'-7'	Soil	06/28/2016	06/30/2016
16F1183-04	B-3-2'-4'	Soil	06/28/2016	06/30/2016
16F1183-05	B-3-6'-8'	Soil	06/28/2016	06/30/2016
16F1183-06	B-4-2'-4'	Soil	06/28/2016	06/30/2016
16F1183-07	B-4-7'-9'	Soil	06/28/2016	06/30/2016
16F1183-08	B-5-2'-4'	Soil	06/28/2016	06/30/2016
16F1183-09	B-5-6'-8'	Soil	06/28/2016	06/30/2016
16F1183-10	B-6-2'-4'	Soil	06/28/2016	06/30/2016
16F1183-11	B-6-DUP	Soil	06/28/2016	06/30/2016
16F1183-12	B-8-2'-4'	Soil	06/27/2016	06/30/2016
16F1183-13	B-9-1'-3'	Soil	06/28/2016	06/30/2016
16F1183-14	B-10-2'-4'	Soil	06/27/2016	06/30/2016
16F1183-15	B-10-5'-7'	Soil	06/27/2016	06/30/2016
16F1183-16	B-11-2'-4'	Soil	06/28/2016	06/30/2016
16F1183-17	B-12-2'-4'	Soil	06/28/2016	06/30/2016
16F1183-18	B-12-5'-7'	Soil	06/28/2016	06/30/2016
16F1183-19	B-13-3'-5'	Soil	06/27/2016	06/30/2016
16F1183-20	B-13-7'-9'	Soil	06/27/2016	06/30/2016
16F1183-21	B-14-2'-4'	Soil	06/28/2016	06/30/2016
16F1183-22	B-14-5'-7'	Soil	06/28/2016	06/30/2016
16F1183-23	B-15-2'-4'	Soil	06/28/2016	06/30/2016

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
16F1183-24	B-16-2'-4'	Soil	06/27/2016	06/30/2016
16F1183-25	B-16-5'-7'	Soil	06/27/2016	06/30/2016
16F1183-26	B-17-2'-4'	Soil	06/28/2016	06/30/2016
16F1183-27	B-17-8'-10'	Soil	06/28/2016	06/30/2016
16F1183-28	B-18-2'-4'	Soil	06/27/2016	06/30/2016
16F1183-29	B-19-2'-4'	Soil	06/28/2016	06/30/2016
16F1183-30	B-19-4'-6'	Soil	06/28/2016	06/30/2016
16F1183-31	B-19-7'-9'	Soil	06/28/2016	06/30/2016
16F1183-32	B-20-2'-4'	Soil	06/27/2016	06/30/2016
16F1183-33	B-21-2'-4'	Soil	06/28/2016	06/30/2016
16F1183-34	B-21-6'-8'	Soil	06/28/2016	06/30/2016
16F1183-35	B-22-2'-4'	Soil	06/27/2016	06/30/2016
16F1183-36	B-22-6'-8'	Soil	06/27/2016	06/30/2016
16F1183-37	B-23-2'-4'	Soil	06/28/2016	06/30/2016
16F1183-38	B-24-2'-4'	Soil	06/27/2016	06/30/2016
16F1183-39	B-25-2'-4'	Soil	06/27/2016	06/30/2016
16F1183-40	B-26-1'-3'	Soil	06/27/2016	06/30/2016
16F1183-41	B-26-6'-8'	Soil	06/27/2016	06/30/2016
16F1183-42	B-27-1'-3'	Soil	06/27/2016	06/30/2016
16F1183-43	B-28-1'-3'	Soil	06/27/2016	06/30/2016
16F1183-44	TMW-1	Water	06/28/2016	06/30/2016
16F1183-45	Dup-1	Water	06/28/2016	06/30/2016
16F1183-46	TMW-2	Water	06/28/2016	06/30/2016
16F1183-47	Trip Blank	Water	06/28/2016	06/30/2016

General Notes for York Project (SDG) No.: 16F1183

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.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 07/13/2016





Sample Information

Client Sample ID: B-1-2'-4'

York Sample ID: 16F1183-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16F1183	14EC0037	Soil	June 28, 2016 8:00 am	06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
67-64-1	Acetone	0.020	CCV-E	mg/kg dry	0.010	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
71-43-2	Benzene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
108-86-1	Bromobenzene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK



Sample Information

Client Sample ID: B-1-2'-4'

York Sample ID: 16F1183-01

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 8:00 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.010	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
91-20-3	Naphthalene	ND		mg/kg dry	0.010	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.010	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
100-42-5	Styrene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.010	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
108-88-3	Toluene	0.014		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0052	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:08	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %	70-130
2037-26-5	Surrogate: Toluene-d8	99.2 %	70-130
460-00-4	Surrogate: p-Bromofluorobenzene	94.9 %	70-130



Sample Information

Client Sample ID: B-1-2'-4'

York Sample ID: 16F1183-01

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 8:00 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.04	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.04	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
62-53-3	Aniline	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
120-12-7	Anthracene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH



Sample Information

Client Sample ID: B-1-2'-4'

York Sample ID: 16F1183-01

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 8:00 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
86-74-8	Carbazole	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
218-01-9	Chrysene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
86-73-7	Fluorene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
78-59-1	Isophorone	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
108-95-2	Phenol	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
129-00-0	Pyrene	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
110-86-1	Pyridine	ND		mg/kg dry	0.519	2	EPA 8270D	07/07/2016 14:02	07/08/2016 09:52	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	84.1 %			30-130					
4165-62-2	Surrogate: Phenol-d5	70.7 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	62.7 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	61.3 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	66.3 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	48.6 %			30-130					



Sample Information

Client Sample ID: B-1-2'-4'

York Sample ID: 16F1183-01

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 8:00 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0103	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.130	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:13	AMC

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	106 %	30-140
877-09-8	Surrogate: Tetrachloro-m-xylene	82.3 %	30-140

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0260	1	EPA 8082A	07/06/2016 12:40	07/07/2016 16:24	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0260	1	EPA 8082A	07/06/2016 12:40	07/07/2016 16:24	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0260	1	EPA 8082A	07/06/2016 12:40	07/07/2016 16:24	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0260	1	EPA 8082A	07/06/2016 12:40	07/07/2016 16:24	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0260	1	EPA 8082A	07/06/2016 12:40	07/07/2016 16:24	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0260	1	EPA 8082A	07/06/2016 12:40	07/07/2016 16:24	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0260	1	EPA 8082A	07/06/2016 12:40	07/07/2016 16:24	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0260	1	EPA 8082A	07/06/2016 12:40	07/07/2016 16:24	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0260	1	EPA 8082A	07/06/2016 12:40	07/07/2016 16:24	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0260	1	EPA 8082A	07/06/2016 12:40	07/07/2016 16:24	AMC



Sample Information

Client Sample ID: B-1-2'-4' **York Sample ID:** 16F1183-01
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 8:00 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	96.5 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	75.5 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	11.7		mg/kg dry	10.4	1	CT DEP ETPH	07/05/2016 07:49	07/06/2016 20:32	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	102 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.70		mg/kg dry	1.04	1	EPA 6010C	07/05/2016 07:33	07/05/2016 20:55	KV
7440-39-3	Barium	31.8		mg/kg dry	1.04	1	EPA 6010C	07/05/2016 07:33	07/05/2016 20:55	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.312	1	EPA 6010C	07/05/2016 07:33	07/05/2016 20:55	KV
7440-47-3	Chromium	9.43		mg/kg dry	0.519	1	EPA 6010C	07/05/2016 07:33	07/05/2016 20:55	KV
7439-92-1	Lead	11.4		mg/kg dry	0.312	1	EPA 6010C	07/05/2016 07:33	07/05/2016 20:55	KV
7782-49-2	Selenium	1.11		mg/kg dry	1.04	1	EPA 6010C	07/05/2016 07:33	07/05/2016 20:55	KV
7440-22-4	Silver	ND		mg/kg dry	0.519	1	EPA 6010C	07/05/2016 07:33	07/05/2016 20:55	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 00:52	KV
7440-39-3	Barium	0.182		mg/L	0.011	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 00:52	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 00:52	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 00:52	KV
7439-92-1	Lead	0.008		mg/L	0.003	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 00:52	KV
7782-49-2	Selenium	0.012		M-SeTC mg/L	0.011	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 00:52	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 00:52	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-1-2'-4'

York Sample ID: 16F1183-01

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 8:00 am	<u>Date Received</u> 06/30/2016
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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	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0577		mg/kg dry	0.0312	1	EPA 7473	07/01/2016 06:25	07/01/2016 16:44	ALD

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/06/2016 11:45	07/07/2016 07:17	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	96.3		%	0.100	1	SM 2540G	07/05/2016 12:19	07/05/2016 14:59	TJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2016 19:53	07/06/2016 13:37	TJM

Sample Information

Client Sample ID: B-2-2'-4'

York Sample ID: 16F1183-02

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 9:00 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK



Sample Information

Client Sample ID: B-2-2'-4'

York Sample ID: 16F1183-02

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 9:00 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
67-64-1	Acetone	0.011	CCV-E	mg/kg dry	0.0093	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
71-43-2	Benzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
108-86-1	Bromobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK



Sample Information

Client Sample ID: B-2-2'-4'

York Sample ID: 16F1183-02

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 9:00 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0093	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
91-20-3	Naphthalene	ND		mg/kg dry	0.0093	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0093	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
100-42-5	Styrene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0093	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
108-88-3	Toluene	0.0081		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 08:12	07/06/2016 12:50	BK
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	109 %		70-130						
2037-26-5	Surrogate: Toluene-d8	101 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	96.6 %		70-130						



Sample Information

Client Sample ID: B-2-2'-4'

York Sample ID: 16F1183-02

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 9:00 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.01	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.01	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
62-53-3	Aniline	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
120-12-7	Anthracene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH



Sample Information

Client Sample ID: B-2-2'-4'

York Sample ID: 16F1183-02

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 9:00 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
86-74-8	Carbazole	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
218-01-9	Chrysene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
86-73-7	Fluorene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
78-59-1	Isophorone	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
108-95-2	Phenol	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
129-00-0	Pyrene	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
110-86-1	Pyridine	ND		mg/kg dry	0.507	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:24	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	67.2 %			30-130					
4165-62-2	Surrogate: Phenol-d5	63.4 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	67.6 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	59.4 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	66.6 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	47.9 %			30-130					



Sample Information

Client Sample ID: B-2-2'-4'

York Sample ID: 16F1183-02

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 9:00 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00254	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00254	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00254	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00254	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00254	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00254	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00254	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0100	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00254	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00254	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00254	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00254	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00254	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00254	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00254	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00254	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00254	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00254	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00254	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00254	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.127	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:41	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	94.0 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	31.9 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0254	1	EPA 8082A	07/06/2016 12:40	07/07/2016 16:53	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0254	1	EPA 8082A	07/06/2016 12:40	07/07/2016 16:53	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0254	1	EPA 8082A	07/06/2016 12:40	07/07/2016 16:53	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0254	1	EPA 8082A	07/06/2016 12:40	07/07/2016 16:53	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0254	1	EPA 8082A	07/06/2016 12:40	07/07/2016 16:53	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0254	1	EPA 8082A	07/06/2016 12:40	07/07/2016 16:53	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0254	1	EPA 8082A	07/06/2016 12:40	07/07/2016 16:53	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0254	1	EPA 8082A	07/06/2016 12:40	07/07/2016 16:53	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0254	1	EPA 8082A	07/06/2016 12:40	07/07/2016 16:53	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0254	1	EPA 8082A	07/06/2016 12:40	07/07/2016 16:53	AMC



Sample Information

Client Sample ID: B-2-2'-4'

York Sample ID: 16F1183-02

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 9:00 am

Date Received
06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	93.5 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	77.5 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	12.7		mg/kg dry	10.1	1	CT DEP ETPH	07/05/2016 07:49	07/06/2016 21:11	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	88.6 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.54		mg/kg dry	1.01	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:11	KV
7440-39-3	Barium	36.4		mg/kg dry	1.01	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:11	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.304	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:11	KV
7440-47-3	Chromium	14.5		mg/kg dry	0.507	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:11	KV
7439-92-1	Lead	10.9		mg/kg dry	0.304	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:11	KV
7782-49-2	Selenium	1.14		mg/kg dry	1.01	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:11	KV
7440-22-4	Silver	ND		mg/kg dry	0.507	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:11	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 00:57	KV
7440-39-3	Barium	0.137		mg/L	0.011	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 00:57	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 00:57	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 00:57	KV
7439-92-1	Lead	0.027		mg/L	0.003	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 00:57	KV
7782-49-2	Selenium	0.014		M-SeTC mg/L	0.011	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 00:57	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 00:57	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-2-2'-4' **York Sample ID:** 16F1183-02
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 9:00 am **Date Received** 06/30/2016

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0366		mg/kg dry	0.0304	1	EPA 7473	07/01/2016 06:25	07/01/2016 16:53	ALD

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/06/2016 11:45	07/07/2016 07:17	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	98.6		%	0.100	1	SM 2540G	07/05/2016 12:19	07/05/2016 14:59	TJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2016 19:53	07/06/2016 13:37	TJM

Sample Information

Client Sample ID: B-2-5'-7' **York Sample ID:** 16F1183-03
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 9:10 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK



Sample Information

Client Sample ID: B-2-5'-7'

York Sample ID: 16F1183-03

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 9:10 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
67-64-1	Acetone	0.012	CCV-E	mg/kg dry	0.0093	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
71-43-2	Benzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
108-86-1	Bromobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK



Sample Information

Client Sample ID: B-2-5'-7'

York Sample ID: 16F1183-03

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 9:10 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0093	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
91-20-3	Naphthalene	ND		mg/kg dry	0.0093	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0093	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
100-42-5	Styrene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0093	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
108-88-3	Toluene	0.0099		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 08:12	07/06/2016 13:32	BK
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	111 %		70-130						
2037-26-5	Surrogate: Toluene-d8	101 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	95.5 %		70-130						



Sample Information

Client Sample ID: B-2-5'-7'

York Sample ID: 16F1183-03

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 9:10 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.09	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.09	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
62-53-3	Aniline	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
120-12-7	Anthracene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH



Sample Information

Client Sample ID: B-2-5'-7'

York Sample ID: 16F1183-03

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 9:10 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
86-74-8	Carbazole	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
218-01-9	Chrysene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
86-73-7	Fluorene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
78-59-1	Isophorone	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
108-95-2	Phenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
129-00-0	Pyrene	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
110-86-1	Pyridine	ND		mg/kg dry	0.547	2	EPA 8270D	07/05/2016 13:48	07/06/2016 11:40	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	56.8 %			30-130					
4165-62-2	Surrogate: Phenol-d5	65.5 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	35.9 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	37.5 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	59.0 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	29.2 %	S-07		30-130					



Sample Information

Client Sample ID: B-2-5'-7'

York Sample ID: 16F1183-03

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 9:10 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00273	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00273	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00273	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00273	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00273	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00273	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00273	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0108	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00273	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00273	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00273	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00273	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00273	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00273	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00273	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00273	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00273	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00273	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00273	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00273	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.137	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:28	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	109 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	82.4 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0273	1	EPA 8082A	07/06/2016 12:40	07/07/2016 17:22	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0273	1	EPA 8082A	07/06/2016 12:40	07/07/2016 17:22	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0273	1	EPA 8082A	07/06/2016 12:40	07/07/2016 17:22	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0273	1	EPA 8082A	07/06/2016 12:40	07/07/2016 17:22	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0273	1	EPA 8082A	07/06/2016 12:40	07/07/2016 17:22	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0273	1	EPA 8082A	07/06/2016 12:40	07/07/2016 17:22	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0273	1	EPA 8082A	07/06/2016 12:40	07/07/2016 17:22	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0273	1	EPA 8082A	07/06/2016 12:40	07/07/2016 17:22	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0273	1	EPA 8082A	07/06/2016 12:40	07/07/2016 17:22	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0273	1	EPA 8082A	07/06/2016 12:40	07/07/2016 17:22	AMC



Sample Information

Client Sample ID: B-2-5'-7' **York Sample ID:** 16F1183-03
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 9:10 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	98.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	76.0 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	12.0		mg/kg dry	10.9	1	CT DEP ETPH	07/05/2016 07:49	07/06/2016 21:50	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	102 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.95		mg/kg dry	1.09	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:16	KV
7440-39-3	Barium	19.6		mg/kg dry	1.09	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:16	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.328	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:16	KV
7440-47-3	Chromium	14.1		mg/kg dry	0.547	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:16	KV
7439-92-1	Lead	3.65		mg/kg dry	0.328	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:16	KV
7782-49-2	Selenium	ND		mg/kg dry	1.09	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:16	KV
7440-22-4	Silver	ND		mg/kg dry	0.547	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:16	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 01:02	KV
7440-39-3	Barium	0.125		mg/L	0.011	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 01:02	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 01:02	KV
7440-47-3	Chromium	0.008		mg/L	0.006	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 01:02	KV
7439-92-1	Lead	0.004		mg/L	0.003	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 01:02	KV
7782-49-2	Selenium	0.015		M-SeTC mg/L	0.011	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 01:02	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/06/2016 11:42	07/07/2016 01:02	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-2-5'-7' York Sample ID: 16F1183-03
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 28, 2016 9:10 am Date Received 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/kg dry 0.0328 1 EPA 7473 07/01/2016 06:25 07/01/2016 17:02 ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/L 0.000200 1 EPA 7473/1311 07/06/2016 11:45 07/07/2016 07:17 ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids % Solids 91.4 % 0.100 1 SM 2540G 07/05/2016 12:19 07/05/2016 14:59 TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction Completed N/A 1.00 1 EPA 1311 07/05/2016 19:53 07/06/2016 13:37 TJM

Sample Information

Client Sample ID: B-3-2'-4' York Sample ID: 16F1183-04
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 28, 2016 5:30 am Date Received 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,1-Dichloropropylene.



Sample Information

Client Sample ID: B-3-2'-4'

York Sample ID: 16F1183-04

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 5:30 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
67-64-1	Acetone	0.025	CCV-E	mg/kg dry	0.012	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
71-43-2	Benzene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
108-86-1	Bromobenzene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK



Sample Information

Client Sample ID: B-3-2'-4'

York Sample ID: 16F1183-04

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 5:30 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.012	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
91-20-3	Naphthalene	ND		mg/kg dry	0.012	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.012	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
100-42-5	Styrene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.012	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
108-88-3	Toluene	0.013		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0058	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:14	BK
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %		70-130						
2037-26-5	Surrogate: Toluene-d8	99.1 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	95.3 %		70-130						



Sample Information

Client Sample ID: B-3-2'-4'

York Sample ID: 16F1183-04

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 5:30 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.03	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.03	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
62-53-3	Aniline	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
120-12-7	Anthracene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH



Sample Information

Client Sample ID: B-3-2'-4'

York Sample ID: 16F1183-04

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 5:30 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
86-74-8	Carbazole	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
218-01-9	Chrysene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
86-73-7	Fluorene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
78-59-1	Isophorone	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
108-95-2	Phenol	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
129-00-0	Pyrene	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
110-86-1	Pyridine	ND		mg/kg dry	0.513	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:12	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	51.5 %			30-130					
4165-62-2	Surrogate: Phenol-d5	58.6 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	32.7 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	36.8 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	51.5 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	26.2 %	S-07		30-130					



Sample Information

Client Sample ID: B-3-2'-4'

York Sample ID: 16F1183-04

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 5:30 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0102	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.128	5	EPA 8081B	07/06/2016 10:47	07/07/2016 11:43	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	119 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	88.0 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 17:52	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 17:52	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 17:52	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 17:52	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 17:52	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 17:52	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 17:52	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 17:52	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 17:52	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 17:52	AMC



Sample Information

Client Sample ID: B-3-2'-4' **York Sample ID:** 16F1183-04
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 5:30 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	100 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	82.0 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	13.0		mg/kg dry	10.3	1	CT DEP ETPH	07/05/2016 07:49	07/06/2016 22:29	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	94.1 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.05		mg/kg dry	1.03	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:21	KV
7440-39-3	Barium	88.1		mg/kg dry	1.03	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:21	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.308	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:21	KV
7440-47-3	Chromium	17.6		mg/kg dry	0.513	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:21	KV
7439-92-1	Lead	8.90		mg/kg dry	0.308	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:21	KV
7782-49-2	Selenium	2.24		mg/kg dry	1.03	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:21	KV
7440-22-4	Silver	ND		mg/kg dry	0.513	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:21	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:14	KV
7440-39-3	Barium	0.537		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:14	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:14	KV
7440-47-3	Chromium	0.009		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:14	KV
7439-92-1	Lead	0.008		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:14	KV
7782-49-2	Selenium	0.013		M-SeTC mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:14	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:14	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-3-2'-4' York Sample ID: 16F1183-04
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 28, 2016 5:30 am Date Received 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/kg dry 0.0308 1 EPA 7473 07/01/2016 06:25 07/01/2016 17:11 ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/L 0.000200 1 EPA 7473/1311 07/06/2016 11:45 07/07/2016 07:17 ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids % Solids 97.4 % 0.100 1 SM 2540G 07/05/2016 12:19 07/05/2016 14:59 TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction Completed N/A 1.00 1 EPA 1311 07/05/2016 19:53 07/06/2016 13:37 TJM

Sample Information

Client Sample ID: B-3-6'-8' York Sample ID: 16F1183-05
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 28, 2016 5:35 am Date Received 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,1-Dichloropropylene.



Sample Information

Client Sample ID: B-3-6'-8'

York Sample ID: 16F1183-05

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 5:35 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
67-64-1	Acetone	ND		mg/kg dry	0.010	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
71-43-2	Benzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
108-86-1	Bromobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK



Sample Information

Client Sample ID: B-3-6'-8'

York Sample ID: 16F1183-05

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 5:35 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.010	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
91-20-3	Naphthalene	ND		mg/kg dry	0.010	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.010	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
100-42-5	Styrene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.010	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
108-88-3	Toluene	0.0077		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 14:57	BK
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %		70-130						
2037-26-5	Surrogate: Toluene-d8	99.1 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	99.5 %		70-130						



Sample Information

Client Sample ID: B-3-6'-8'

York Sample ID: 16F1183-05

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 5:35 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.03	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.03	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
62-53-3	Aniline	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
120-12-7	Anthracene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH



Sample Information

Client Sample ID: B-3-6'-8'

York Sample ID: 16F1183-05

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 5:35 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
86-74-8	Carbazole	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
218-01-9	Chrysene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
86-73-7	Fluorene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
78-59-1	Isophorone	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
108-95-2	Phenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
129-00-0	Pyrene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
110-86-1	Pyridine	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 10:57	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	70.7 %			30-130					
4165-62-2	Surrogate: Phenol-d5	70.1 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	60.7 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	65.7 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	64.7 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	46.6 %			30-130					



Sample Information

Client Sample ID: B-3-6'-8'

York Sample ID: 16F1183-05

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 5:35 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0102	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.129	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:13	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	108 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	82.3 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 18:21	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 18:21	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 18:21	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 18:21	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 18:21	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 18:21	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 18:21	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 18:21	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 18:21	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 18:21	AMC



Sample Information

Client Sample ID: B-3-6'-8' **York Sample ID:** 16F1183-05
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 5:35 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	99.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	81.0 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	10.3	1	CT DEP ETPH	07/05/2016 07:49	07/06/2016 23:08	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	116 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.53		mg/kg dry	1.03	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:26	KV
7440-39-3	Barium	71.1		mg/kg dry	1.03	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:26	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.309	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:26	KV
7440-47-3	Chromium	17.8		mg/kg dry	0.515	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:26	KV
7439-92-1	Lead	5.12		mg/kg dry	0.309	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:26	KV
7782-49-2	Selenium	ND		mg/kg dry	1.03	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:26	KV
7440-22-4	Silver	ND		mg/kg dry	0.515	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:26	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:32	KV
7440-39-3	Barium	0.378		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:32	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:32	KV
7440-47-3	Chromium	0.008		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:32	KV
7439-92-1	Lead	0.007		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:32	KV
7782-49-2	Selenium	0.019		M-SeTC mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:32	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:32	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-3-6'-8' **York Sample ID:** 16F1183-05
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 5:35 am **Date Received** 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0309	1	EPA 7473	07/01/2016 06:25	07/01/2016 17:19	ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/06/2016 11:45	07/07/2016 07:17	ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	97.2		%	0.100	1	SM 2540G	07/05/2016 12:19	07/05/2016 14:59	TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2016 19:53	07/06/2016 13:37	TJM

Sample Information

Client Sample ID: B-4-2'-4' **York Sample ID:** 16F1183-06
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 5:45 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK



Sample Information

Client Sample ID: B-4-2'-4'

York Sample ID: 16F1183-06

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 5:45 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
67-64-1	Acetone	0.023	CCV-E	mg/kg dry	0.0089	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
71-43-2	Benzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
108-86-1	Bromobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK



Sample Information

Client Sample ID: B-4-2'-4'

York Sample ID: 16F1183-06

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 5:45 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0089	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
91-20-3	Naphthalene	ND		mg/kg dry	0.0089	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0089	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
100-42-5	Styrene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0089	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
108-88-3	Toluene	0.011		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 15:39	BK
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %		70-130						
2037-26-5	Surrogate: Toluene-d8	99.2 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	97.1 %		70-130						



Sample Information

Client Sample ID: B-4-2'-4'

York Sample ID: 16F1183-06

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 5:45 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.03	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.03	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
62-53-3	Aniline	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
120-12-7	Anthracene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH



Sample Information

Client Sample ID: B-4-2'-4'

York Sample ID: 16F1183-06

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 5:45 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
86-74-8	Carbazole	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
218-01-9	Chrysene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
86-73-7	Fluorene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
78-59-1	Isophorone	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
108-95-2	Phenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
129-00-0	Pyrene	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
110-86-1	Pyridine	ND		mg/kg dry	0.515	2	EPA 8270D	07/07/2016 14:02	07/08/2016 11:29	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	78.6 %			30-130					
4165-62-2	Surrogate: Phenol-d5	77.5 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	69.2 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	73.8 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	67.8 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	50.4 %			30-130					



Sample Information

Client Sample ID: B-4-2'-4'

York Sample ID: 16F1183-06

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 5:45 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0102	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.129	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:28	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	109 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	75.7 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0258	1	EPA 8082A	07/06/2016 12:40	07/07/2016 18:50	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0258	1	EPA 8082A	07/06/2016 12:40	07/07/2016 18:50	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0258	1	EPA 8082A	07/06/2016 12:40	07/07/2016 18:50	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0258	1	EPA 8082A	07/06/2016 12:40	07/07/2016 18:50	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0258	1	EPA 8082A	07/06/2016 12:40	07/07/2016 18:50	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0258	1	EPA 8082A	07/06/2016 12:40	07/07/2016 18:50	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0258	1	EPA 8082A	07/06/2016 12:40	07/07/2016 18:50	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0258	1	EPA 8082A	07/06/2016 12:40	07/07/2016 18:50	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0258	1	EPA 8082A	07/06/2016 12:40	07/07/2016 18:50	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0258	1	EPA 8082A	07/06/2016 12:40	07/07/2016 18:50	AMC



Sample Information

Client Sample ID: B-4-2'-4' **York Sample ID:** 16F1183-06
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 5:45 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	98.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	81.0 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	10.3	1	CT DEP ETPH	07/05/2016 07:49	07/06/2016 23:46	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	94.9 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	16.9		mg/kg dry	1.03	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:30	KV
7440-39-3	Barium	183		mg/kg dry	1.03	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:30	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.309	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:30	KV
7440-47-3	Chromium	23.3		mg/kg dry	0.515	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:30	KV
7439-92-1	Lead	6.61		mg/kg dry	0.309	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:30	KV
7782-49-2	Selenium	1.60		mg/kg dry	1.03	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:30	KV
7440-22-4	Silver	ND		mg/kg dry	0.515	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:30	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:37	KV
7440-39-3	Barium	0.334		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:37	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:37	KV
7440-47-3	Chromium	0.016		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:37	KV
7439-92-1	Lead	0.007		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:37	KV
7782-49-2	Selenium	0.013		M-SeTC mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:37	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:37	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-4-2'-4'

York Sample ID: 16F1183-06

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 16F1183, 14EC0037, Soil, June 28, 2016 5:45 am, 06/30/2016

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, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: 7439-97-6 Mercury ND mg/kg dry 0.0309 1 EPA 7473 07/01/2016 06:25 07/01/2016 17:28 ALD

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: 7439-97-6 Mercury ND mg/L 0.000200 1 EPA 7473/1311 07/06/2016 11:45 07/07/2016 07:17 ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: solids % Solids 97.0 % 0.100 1 SM 2540G 07/05/2016 12:19 07/05/2016 14:59 TJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction Completed N/A 1.00 1 EPA 1311 07/05/2016 19:53 07/06/2016 13:37 TJM

Sample Information

Client Sample ID: B-4-7'-9'

York Sample ID: 16F1183-07

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 16F1183, 14EC0037, Soil, June 28, 2016 5:50 am, 06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows: 630-20-6 1,1,1,2-Tetrachloroethane ND mg/kg dry 0.0048 1 EPA 8260C 07/06/2016 08:12 07/06/2016 16:21 BK; 71-55-6 1,1,1-Trichloroethane ND mg/kg dry 0.0048 1 EPA 8260C 07/06/2016 08:12 07/06/2016 16:21 BK; 79-34-5 1,1,2,2-Tetrachloroethane ND mg/kg dry 0.0048 1 EPA 8260C 07/06/2016 08:12 07/06/2016 16:21 BK; 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) ND mg/kg dry 0.0048 1 EPA 8260C 07/06/2016 08:12 07/06/2016 16:21 BK; 79-00-5 1,1,2-Trichloroethane ND mg/kg dry 0.0048 1 EPA 8260C 07/06/2016 08:12 07/06/2016 16:21 BK; 75-34-3 1,1-Dichloroethane ND mg/kg dry 0.0048 1 EPA 8260C 07/06/2016 08:12 07/06/2016 16:21 BK; 75-35-4 1,1-Dichloroethylene ND mg/kg dry 0.0048 1 EPA 8260C 07/06/2016 08:12 07/06/2016 16:21 BK; 563-58-6 1,1-Dichloropropylene ND mg/kg dry 0.0048 1 EPA 8260C 07/06/2016 08:12 07/06/2016 16:21 BK



Sample Information

Client Sample ID: B-4-7'-9'

York Sample ID: 16F1183-07

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 5:50 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
67-64-1	Acetone	0.014	CCV-E	mg/kg dry	0.0095	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
71-43-2	Benzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
108-86-1	Bromobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK



Sample Information

Client Sample ID: B-4-7'-9'

York Sample ID: 16F1183-07

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 5:50 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0095	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
91-20-3	Naphthalene	ND		mg/kg dry	0.0095	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0095	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
100-42-5	Styrene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0095	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
108-88-3	Toluene	0.0098		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 08:12	07/06/2016 16:21	BK
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	110 %		70-130						
2037-26-5	Surrogate: Toluene-d8	101 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	93.5 %		70-130						



Sample Information

Client Sample ID: B-4-7'-9'

York Sample ID: 16F1183-07

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 5:50 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.03	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.03	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
62-53-3	Aniline	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
120-12-7	Anthracene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH



Sample Information

Client Sample ID: B-4-7'-9'

York Sample ID: 16F1183-07

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 5:50 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
86-74-8	Carbazole	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
218-01-9	Chrysene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
86-73-7	Fluorene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
78-59-1	Isophorone	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
108-95-2	Phenol	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
129-00-0	Pyrene	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
110-86-1	Pyridine	ND		mg/kg dry	0.514	2	EPA 8270D	07/07/2016 14:02	07/08/2016 12:01	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	65.3 %			30-130					
4165-62-2	Surrogate: Phenol-d5	66.3 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	56.7 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	62.6 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	64.4 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	48.5 %			30-130					



Sample Information

Client Sample ID: B-4-7'-9'

York Sample ID: 16F1183-07

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 5:50 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0102	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00257	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.129	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:43	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	108 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	80.8 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 19:20	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 19:20	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 19:20	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 19:20	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 19:20	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 19:20	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 19:20	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 19:20	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 19:20	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0257	1	EPA 8082A	07/06/2016 12:40	07/07/2016 19:20	AMC



Sample Information

Client Sample ID: B-4-7'-9' **York Sample ID:** 16F1183-07
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 5:50 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	102 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	81.0 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	10.3	1	CT DEP ETPH	07/05/2016 07:49	07/07/2016 00:25	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	84.0 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.86		mg/kg dry	1.03	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:35	KV
7440-39-3	Barium	37.7		mg/kg dry	1.03	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:35	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.308	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:35	KV
7440-47-3	Chromium	11.0		mg/kg dry	0.514	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:35	KV
7439-92-1	Lead	5.01		mg/kg dry	0.308	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:35	KV
7782-49-2	Selenium	ND		mg/kg dry	1.03	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:35	KV
7440-22-4	Silver	ND		mg/kg dry	0.514	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:35	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:56	KV
7440-39-3	Barium	0.249		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:56	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:56	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:56	KV
7439-92-1	Lead	0.009		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:56	KV
7782-49-2	Selenium	0.015		M-SeTC mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:56	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 00:56	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-4-7'-9' York Sample ID: 16F1183-07
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 28, 2016 5:50 am Date Received 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/kg dry 0.0308 1 EPA 7473 07/01/2016 06:25 07/01/2016 17:37 ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/L 0.000200 1 EPA 7473/1311 07/06/2016 11:45 07/07/2016 07:17 ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids % Solids 97.3 % 0.100 1 SM 2540G 07/05/2016 12:19 07/05/2016 14:59 TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction Completed N/A 1.00 1 EPA 1311 07/05/2016 19:53 07/06/2016 13:37 TJM

Sample Information

Client Sample ID: B-5-2'-4' York Sample ID: 16F1183-08
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 28, 2016 6:00 am Date Received 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,1-Dichloropropylene.



Sample Information

Client Sample ID: B-5-2'-4'

York Sample ID: 16F1183-08

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 6:00 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
67-64-1	Acetone	0.014	CCV-E	mg/kg dry	0.010	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
71-43-2	Benzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
108-86-1	Bromobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK



Sample Information

Client Sample ID: B-5-2'-4'

York Sample ID: 16F1183-08

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 6:00 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.010	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
91-20-3	Naphthalene	ND		mg/kg dry	0.010	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.010	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
100-42-5	Styrene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.010	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
108-88-3	Toluene	0.0097		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:03	BK
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %		70-130						
2037-26-5	Surrogate: Toluene-d8	102 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	97.9 %		70-130						



Sample Information

Client Sample ID: B-5-2'-4'

York Sample ID: 16F1183-08

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 6:00 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.03	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.03	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
62-53-3	Aniline	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
120-12-7	Anthracene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH



Sample Information

Client Sample ID: B-5-2'-4'

York Sample ID: 16F1183-08

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 6:00 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
86-74-8	Carbazole	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
218-01-9	Chrysene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
86-73-7	Fluorene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
78-59-1	Isophorone	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
108-95-2	Phenol	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
129-00-0	Pyrene	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
110-86-1	Pyridine	ND		mg/kg dry	0.515	2	EPA 8270D	07/05/2016 13:48	07/06/2016 17:07	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	68.6 %			30-130					
4165-62-2	Surrogate: Phenol-d5	80.0 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	63.5 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	68.3 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	64.7 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	59.3 %			30-130					



Sample Information

Client Sample ID: B-5-2'-4'

York Sample ID: 16F1183-08

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 6:00 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0102	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00258	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.129	5	EPA 8081B	07/06/2016 10:47	07/07/2016 12:58	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	118 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	87.0 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0258	1	EPA 8082A	07/06/2016 12:40	07/07/2016 20:18	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0258	1	EPA 8082A	07/06/2016 12:40	07/07/2016 20:18	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0258	1	EPA 8082A	07/06/2016 12:40	07/07/2016 20:18	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0258	1	EPA 8082A	07/06/2016 12:40	07/07/2016 20:18	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0258	1	EPA 8082A	07/06/2016 12:40	07/07/2016 20:18	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0258	1	EPA 8082A	07/06/2016 12:40	07/07/2016 20:18	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0258	1	EPA 8082A	07/06/2016 12:40	07/07/2016 20:18	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0258	1	EPA 8082A	07/06/2016 12:40	07/07/2016 20:18	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0258	1	EPA 8082A	07/06/2016 12:40	07/07/2016 20:18	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0258	1	EPA 8082A	07/06/2016 12:40	07/07/2016 20:18	AMC



Sample Information

Client Sample ID: B-5-2'-4' **York Sample ID:** 16F1183-08
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 6:00 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	102 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	80.5 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	10.3	1	CT DEP ETPH	07/05/2016 07:49	07/07/2016 01:42	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	90.7 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.47		mg/kg dry	1.03	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:40	KV
7440-39-3	Barium	57.6		mg/kg dry	1.03	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:40	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.309	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:40	KV
7440-47-3	Chromium	21.7		mg/kg dry	0.515	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:40	KV
7439-92-1	Lead	9.95		mg/kg dry	0.309	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:40	KV
7782-49-2	Selenium	1.42		mg/kg dry	1.03	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:40	KV
7440-22-4	Silver	ND		mg/kg dry	0.515	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:40	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:01	KV
7440-39-3	Barium	0.292		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:01	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:01	KV
7440-47-3	Chromium	0.007		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:01	KV
7439-92-1	Lead	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:01	KV
7782-49-2	Selenium	ND	M-SeTC	mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:01	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:01	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-5-2'-4' **York Sample ID:** 16F1183-08
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 6:00 am **Date Received** 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.862		mg/kg dry	0.0309	1	EPA 7473	07/01/2016 06:25	07/01/2016 17:46	ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/06/2016 11:45	07/07/2016 07:17	ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	97.1		%	0.100	1	SM 2540G	07/05/2016 12:19	07/05/2016 14:59	TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2016 19:55	07/06/2016 13:38	TJM

Sample Information

Client Sample ID: B-5-6'-8' **York Sample ID:** 16F1183-09
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 6:05 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK



Sample Information

Client Sample ID: B-5-6'-8'

York Sample ID: 16F1183-09

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 6:05 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
67-64-1	Acetone	ND		mg/kg dry	0.0090	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
71-43-2	Benzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
108-86-1	Bromobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK



Sample Information

Client Sample ID: B-5-6'-8'

York Sample ID: 16F1183-09

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 6:05 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0090	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
91-20-3	Naphthalene	ND		mg/kg dry	0.0090	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0090	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
100-42-5	Styrene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0090	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
108-88-3	Toluene	0.0074		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 08:12	07/06/2016 17:45	BK
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %		70-130						
2037-26-5	Surrogate: Toluene-d8	100 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	95.9 %		70-130						



Sample Information

Client Sample ID: B-5-6'-8'

York Sample ID: 16F1183-09

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 6:05 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.02	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.02	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
62-53-3	Aniline	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
120-12-7	Anthracene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH



Sample Information

Client Sample ID: B-5-6'-8'

York Sample ID: 16F1183-09

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 6:05 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
86-74-8	Carbazole	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
218-01-9	Chrysene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
86-73-7	Fluorene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
78-59-1	Isophorone	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
108-95-2	Phenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
129-00-0	Pyrene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
110-86-1	Pyridine	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:54	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	50.6 %			30-130					
4165-62-2	Surrogate: Phenol-d5	56.9 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	32.1 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	32.6 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	52.1 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	26.6 %	S-07		30-130					



Sample Information

Client Sample ID: B-5-6'-8'

York Sample ID: 16F1183-09

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 6:05 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0101	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.127	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:13	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	120 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	90.3 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0255	1	EPA 8082A	07/06/2016 12:40	07/07/2016 20:48	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0255	1	EPA 8082A	07/06/2016 12:40	07/07/2016 20:48	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0255	1	EPA 8082A	07/06/2016 12:40	07/07/2016 20:48	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0255	1	EPA 8082A	07/06/2016 12:40	07/07/2016 20:48	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0255	1	EPA 8082A	07/06/2016 12:40	07/07/2016 20:48	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0255	1	EPA 8082A	07/06/2016 12:40	07/07/2016 20:48	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0255	1	EPA 8082A	07/06/2016 12:40	07/07/2016 20:48	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0255	1	EPA 8082A	07/06/2016 12:40	07/07/2016 20:48	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0255	1	EPA 8082A	07/06/2016 12:40	07/07/2016 20:48	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0255	1	EPA 8082A	07/06/2016 12:40	07/07/2016 20:48	AMC



Sample Information

Client Sample ID: B-5-6'-8' **York Sample ID:** 16F1183-09
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 6:05 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	102 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	81.0 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	10.2	1	CT DEP ETPH	07/05/2016 07:49	07/07/2016 02:21	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	65.2 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	8.37		mg/kg dry	1.02	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:57	KV
7440-39-3	Barium	65.1		mg/kg dry	1.02	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:57	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.306	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:57	KV
7440-47-3	Chromium	16.9		mg/kg dry	0.510	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:57	KV
7439-92-1	Lead	7.80		mg/kg dry	0.306	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:57	KV
7782-49-2	Selenium	2.06		mg/kg dry	1.02	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:57	KV
7440-22-4	Silver	ND		mg/kg dry	0.510	1	EPA 6010C	07/05/2016 07:33	07/05/2016 21:57	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:06	KV
7440-39-3	Barium	0.232		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:06	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:06	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:06	KV
7439-92-1	Lead	0.006		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:06	KV
7782-49-2	Selenium	ND	M-SeTC	mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:06	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:06	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-5-6'-8'

York Sample ID: 16F1183-09

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 16F1183, 14EC0037, Soil, June 28, 2016 6:05 am, 06/30/2016

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, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: 7439-97-6 Mercury ND mg/kg dry 0.0306 1 EPA 7473 07/01/2016 06:25 07/01/2016 17:59 ALD

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: 7439-97-6 Mercury ND mg/L 0.000200 1 EPA 7473/1311 07/06/2016 11:45 07/07/2016 07:17 ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: solids % Solids 98.1 % 0.100 1 SM 2540G 07/05/2016 12:19 07/05/2016 14:59 TJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction Completed N/A 1.00 1 EPA 1311 07/05/2016 19:55 07/06/2016 13:38 TJM

Sample Information

Client Sample ID: B-6-2'-4'

York Sample ID: 16F1183-10

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 16F1183, 14EC0037, Soil, June 28, 2016 6:15 am, 06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows: 630-20-6 1,1,1,2-Tetrachloroethane ND mg/kg dry 0.0057 1 EPA 8260C 07/06/2016 08:12 07/06/2016 18:27 BK; 71-55-6 1,1,1-Trichloroethane ND mg/kg dry 0.0057 1 EPA 8260C 07/06/2016 08:12 07/06/2016 18:27 BK; 79-34-5 1,1,2,2-Tetrachloroethane ND mg/kg dry 0.0057 1 EPA 8260C 07/06/2016 08:12 07/06/2016 18:27 BK; 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) ND mg/kg dry 0.0057 1 EPA 8260C 07/06/2016 08:12 07/06/2016 18:27 BK; 79-00-5 1,1,2-Trichloroethane ND mg/kg dry 0.0057 1 EPA 8260C 07/06/2016 08:12 07/06/2016 18:27 BK; 75-34-3 1,1-Dichloroethane ND mg/kg dry 0.0057 1 EPA 8260C 07/06/2016 08:12 07/06/2016 18:27 BK; 75-35-4 1,1-Dichloroethylene ND mg/kg dry 0.0057 1 EPA 8260C 07/06/2016 08:12 07/06/2016 18:27 BK; 563-58-6 1,1-Dichloropropylene ND mg/kg dry 0.0057 1 EPA 8260C 07/06/2016 08:12 07/06/2016 18:27 BK



Sample Information

Client Sample ID: B-6-2'-4'

York Sample ID: 16F1183-10

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 6:15 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
67-64-1	Acetone	0.022	CCV-E	mg/kg dry	0.011	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
71-43-2	Benzene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
108-86-1	Bromobenzene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK



Sample Information

Client Sample ID: B-6-2'-4'

York Sample ID: 16F1183-10

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 6:15 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.011	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
91-20-3	Naphthalene	ND		mg/kg dry	0.011	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.011	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
100-42-5	Styrene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.011	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
108-88-3	Toluene	0.010		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0057	1	EPA 8260C	07/06/2016 08:12	07/06/2016 18:27	BK
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	114 %		70-130						
2037-26-5	Surrogate: Toluene-d8	99.6 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	100 %		70-130						



Sample Information

Client Sample ID: B-6-2'-4'

York Sample ID: 16F1183-10

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 6:15 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.05	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.05	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
62-53-3	Aniline	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
120-12-7	Anthracene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH



Sample Information

Client Sample ID: B-6-2'-4'

York Sample ID: 16F1183-10

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 6:15 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
86-74-8	Carbazole	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
218-01-9	Chrysene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
86-73-7	Fluorene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
78-59-1	Isophorone	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
108-95-2	Phenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
129-00-0	Pyrene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
110-86-1	Pyridine	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/06/2016 15:27	KH
Surrogate Recoveries		Result		Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	45.3 %		30-130						
4165-62-2	Surrogate: Phenol-d5	53.7 %		30-130						
4165-60-0	Surrogate: Nitrobenzene-d5	32.9 %		30-130						
321-60-8	Surrogate: 2-Fluorobiphenyl	32.0 %		30-130						
118-79-6	Surrogate: 2,4,6-Tribromophenol	43.2 %		30-130						
1718-51-0	Surrogate: Terphenyl-d14	26.2 %	S-07	30-130						



Sample Information

Client Sample ID: B-6-2'-4'

York Sample ID: 16F1183-10

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 6:15 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0104	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.132	5	EPA 8081B	07/06/2016 10:47	07/08/2016 10:56	AMC

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	84.0 %			30-140
877-09-8	Surrogate: Tetrachloro-m-xylene	28.3 %	GC-Surr		30-140

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0263	1	EPA 8082A	07/06/2016 12:40	07/07/2016 21:17	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0263	1	EPA 8082A	07/06/2016 12:40	07/07/2016 21:17	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0263	1	EPA 8082A	07/06/2016 12:40	07/07/2016 21:17	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0263	1	EPA 8082A	07/06/2016 12:40	07/07/2016 21:17	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0263	1	EPA 8082A	07/06/2016 12:40	07/07/2016 21:17	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0263	1	EPA 8082A	07/06/2016 12:40	07/07/2016 21:17	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0263	1	EPA 8082A	07/06/2016 12:40	07/07/2016 21:17	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0263	1	EPA 8082A	07/06/2016 12:40	07/07/2016 21:17	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0263	1	EPA 8082A	07/06/2016 12:40	07/07/2016 21:17	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0263	1	EPA 8082A	07/06/2016 12:40	07/07/2016 21:17	AMC



Sample Information

Client Sample ID: B-6-2'-4' **York Sample ID:** 16F1183-10
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 6:15 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Sample Prepared by Method: EPA 3545A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	89.5 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	78.5 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Sample Prepared by Method: EPA 3545A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	22.4		mg/kg dry	10.5	1	CT DEP ETPH	07/05/2016 07:49	07/07/2016 03:00	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	87.1 %			50-150					

Metals, RCRA

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	4.04		mg/kg dry	1.05	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:02	KV
7440-39-3	Barium	117		mg/kg dry	1.05	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:02	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.316	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:02	KV
7440-47-3	Chromium	27.0		mg/kg dry	0.526	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:02	KV
7439-92-1	Lead	34.3		mg/kg dry	0.316	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:02	KV
7782-49-2	Selenium	1.64		mg/kg dry	1.05	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:02	KV
7440-22-4	Silver	ND		mg/kg dry	0.526	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:02	KV

Metals, TCLP RCRA

Sample Prepared by Method: EPA 3015A/1311

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:11	KV
7440-39-3	Barium	0.435		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:11	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:11	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:11	KV
7439-92-1	Lead	0.003		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:11	KV
7782-49-2	Selenium	0.017		M-SeTC mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:11	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:11	KV

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-6-2'-4' York Sample ID: 16F1183-10
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 28, 2016 6:15 am Date Received 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6, Mercury, 1.32, mg/kg dry, 0.0316, 1, EPA 7473, 07/01/2016 06:25, 07/01/2016 18:07, ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6, Mercury, ND, mg/L, 0.000200, 1, EPA 7473/1311, 07/06/2016 11:45, 07/07/2016 07:17, ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, % Solids, 95.0, %, 0.100, 1, SM 2540G, 07/05/2016 12:19, 07/05/2016 14:59, TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/05/2016 19:55, 07/06/2016 13:38, TJM

Sample Information

Client Sample ID: B-6-DUP York Sample ID: 16F1183-11
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 28, 2016 6:15 am Date Received 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,1-Dichloropropylene.



Sample Information

Client Sample ID: B-6-DUP

York Sample ID: 16F1183-11

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 6:15 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
67-64-1	Acetone	0.023	CCV-E	mg/kg dry	0.0099	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
71-43-2	Benzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
108-86-1	Bromobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK



Sample Information

Client Sample ID: B-6-DUP

York Sample ID: 16F1183-11

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 6:15 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0099	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
91-20-3	Naphthalene	ND		mg/kg dry	0.0099	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0099	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
100-42-5	Styrene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0099	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
108-88-3	Toluene	0.0084		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:10	BK
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	112 %		70-130						
2037-26-5	Surrogate: Toluene-d8	102 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	99.0 %		70-130						



Sample Information

Client Sample ID: B-6-DUP

York Sample ID: 16F1183-11

York Project (SDG) No. 16F1183

Client Project ID 14EC0037

Matrix Soil

Collection Date/Time June 28, 2016 6:15 am

Date Received 06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

Table with 10 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Contains 40 rows of chemical analysis data.



Sample Information

Client Sample ID: B-6-DUP

York Sample ID: 16F1183-11

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 6:15 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
86-74-8	Carbazole	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
218-01-9	Chrysene	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
86-73-7	Fluorene	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
78-59-1	Isophorone	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
108-95-2	Phenol	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
129-00-0	Pyrene	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
110-86-1	Pyridine	ND		mg/kg dry	0.538	2	EPA 8270D	07/05/2016 13:48	07/07/2016 11:51	KH
	Surrogate Recoveries	Result		Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	84.0 %		30-130						
4165-62-2	Surrogate: Phenol-d5	104 %		30-130						
4165-60-0	Surrogate: Nitrobenzene-d5	81.3 %		30-130						
321-60-8	Surrogate: 2-Fluorobiphenyl	91.0 %		30-130						
118-79-6	Surrogate: 2,4,6-Tribromophenol	83.7 %		30-130						
1718-51-0	Surrogate: Terphenyl-d14	84.7 %		30-130						



Sample Information

Client Sample ID: B-6-DUP

York Sample ID: 16F1183-11

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 6:15 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00269	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00269	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00269	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00269	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00269	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00269	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00269	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0107	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00269	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00269	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00269	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00269	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00269	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00269	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00269	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00269	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00269	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00269	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00269	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00269	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.135	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:11	AMC
	Surrogate Recoveries	Result			Acceptance Range					
2051-24-3	Surrogate: Decachlorobiphenyl	85.1 %			30-140					
877-09-8	Surrogate: Tetrachloro-m-xylene	28.3 %	GC-Surr		30-140					

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0269	1	EPA 8082A	07/06/2016 12:40	07/07/2016 21:46	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0269	1	EPA 8082A	07/06/2016 12:40	07/07/2016 21:46	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0269	1	EPA 8082A	07/06/2016 12:40	07/07/2016 21:46	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0269	1	EPA 8082A	07/06/2016 12:40	07/07/2016 21:46	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0269	1	EPA 8082A	07/06/2016 12:40	07/07/2016 21:46	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0269	1	EPA 8082A	07/06/2016 12:40	07/07/2016 21:46	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0269	1	EPA 8082A	07/06/2016 12:40	07/07/2016 21:46	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0269	1	EPA 8082A	07/06/2016 12:40	07/07/2016 21:46	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0269	1	EPA 8082A	07/06/2016 12:40	07/07/2016 21:46	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0269	1	EPA 8082A	07/06/2016 12:40	07/07/2016 21:46	AMC



Sample Information

Client Sample ID: B-6-DUP

York Sample ID: 16F1183-11

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 6:15 am

Date Received
06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	81.5 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	72.5 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	58.7		mg/kg dry	10.8	1	CT DEP ETPH	07/05/2016 07:49	07/07/2016 03:38	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	95.2 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.68		mg/kg dry	1.08	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:07	KV
7440-39-3	Barium	111		mg/kg dry	1.08	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:07	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.323	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:07	KV
7440-47-3	Chromium	25.3		mg/kg dry	0.538	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:07	KV
7439-92-1	Lead	31.9		mg/kg dry	0.323	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:07	KV
7782-49-2	Selenium	1.53		mg/kg dry	1.08	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:07	KV
7440-22-4	Silver	ND		mg/kg dry	0.538	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:07	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:16	KV
7440-39-3	Barium	0.431		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:16	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:16	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:16	KV
7439-92-1	Lead	0.004		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:16	KV
7782-49-2	Selenium	0.015		M-SeTC mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:16	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:16	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-6-DUP **York Sample ID:** 16F1183-11
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 28, 2016 6:15 am Date Received 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.01		mg/kg dry	0.0323	1	EPA 7473	07/01/2016 06:25	07/01/2016 18:19	ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/06/2016 11:45	07/07/2016 07:17	ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	92.9		%	0.100	1	SM 2540G	07/05/2016 12:20	07/05/2016 15:03	TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2016 19:55	07/06/2016 13:38	TJM

Sample Information

Client Sample ID: B-8-2'-4' **York Sample ID:** 16F1183-12
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 27, 2016 9:10 am Date Received 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK



Sample Information

Client Sample ID: B-8-2'-4'

York Sample ID: 16F1183-12

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 9:10 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
67-64-1	Acetone	0.0099	CCV-E	mg/kg dry	0.0083	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
71-43-2	Benzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
108-86-1	Bromobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK



Sample Information

Client Sample ID: B-8-2'-4'

York Sample ID: 16F1183-12

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 9:10 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0083	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
91-20-3	Naphthalene	ND		mg/kg dry	0.0083	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0083	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
100-42-5	Styrene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0083	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
108-88-3	Toluene	0.010		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0041	1	EPA 8260C	07/06/2016 08:12	07/06/2016 19:52	BK
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	113 %		70-130						
2037-26-5	Surrogate: Toluene-d8	103 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	97.0 %		70-130						



Sample Information

Client Sample ID: B-8-2'-4'

York Sample ID: 16F1183-12

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 9:10 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.06	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.06	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
62-53-3	Aniline	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
120-12-7	Anthracene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH



Sample Information

Client Sample ID: B-8-2'-4'

York Sample ID: 16F1183-12

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 9:10 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
86-74-8	Carbazole	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
218-01-9	Chrysene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
86-73-7	Fluorene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
78-59-1	Isophorone	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
108-95-2	Phenol	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
129-00-0	Pyrene	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
110-86-1	Pyridine	ND		mg/kg dry	0.528	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:24	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	74.2 %			30-130					
4165-62-2	Surrogate: Phenol-d5	86.7 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	75.4 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	78.4 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	95.3 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	72.9 %			30-130					



Sample Information

Client Sample ID: B-8-2'-4'

York Sample ID: 16F1183-12

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 9:10 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00264	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00264	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00264	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00264	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00264	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00264	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00264	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0104	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00264	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00264	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00264	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00264	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00264	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00264	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00264	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00264	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00264	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00264	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00264	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00264	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.132	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:29	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	106 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	81.0 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0264	1	EPA 8082A	07/06/2016 12:40	07/07/2016 22:16	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0264	1	EPA 8082A	07/06/2016 12:40	07/07/2016 22:16	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0264	1	EPA 8082A	07/06/2016 12:40	07/07/2016 22:16	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0264	1	EPA 8082A	07/06/2016 12:40	07/07/2016 22:16	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0264	1	EPA 8082A	07/06/2016 12:40	07/07/2016 22:16	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0264	1	EPA 8082A	07/06/2016 12:40	07/07/2016 22:16	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0264	1	EPA 8082A	07/06/2016 12:40	07/07/2016 22:16	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0264	1	EPA 8082A	07/06/2016 12:40	07/07/2016 22:16	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0264	1	EPA 8082A	07/06/2016 12:40	07/07/2016 22:16	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0264	1	EPA 8082A	07/06/2016 12:40	07/07/2016 22:16	AMC



Sample Information

Client Sample ID: B-8-2'-4' **York Sample ID:** 16F1183-12
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 9:10 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	94.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	74.5 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	21.1		mg/kg dry	10.6	1	CT DEP ETPH	07/05/2016 07:49	07/07/2016 04:17	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	100 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	4.23		mg/kg dry	1.06	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:11	KV
7440-39-3	Barium	44.4		mg/kg dry	1.06	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:11	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.317	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:11	KV
7440-47-3	Chromium	14.0		mg/kg dry	0.528	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:11	KV
7439-92-1	Lead	9.44		mg/kg dry	0.317	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:11	KV
7782-49-2	Selenium	2.25		mg/kg dry	1.06	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:11	KV
7440-22-4	Silver	ND		mg/kg dry	0.528	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:11	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:22	KV
7440-39-3	Barium	0.178		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:22	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:22	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:22	KV
7439-92-1	Lead	0.005		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:22	KV
7782-49-2	Selenium	0.012		M-SeTC mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:22	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:22	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-8-2'-4' **York Sample ID:** 16F1183-12
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 9:10 am **Date Received** 06/30/2016

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0805		mg/kg dry	0.0317	1	EPA 7473	07/01/2016 06:25	07/01/2016 18:31	ALD

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/06/2016 11:45	07/07/2016 07:17	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	94.8		%	0.100	1	SM 2540G	07/05/2016 12:20	07/05/2016 15:03	TJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2016 19:55	07/06/2016 13:38	TJM

Sample Information

Client Sample ID: B-9-1'-3' **York Sample ID:** 16F1183-13
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 12:30 pm **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS



Sample Information

Client Sample ID: B-9-1'-3'

York Sample ID: 16F1183-13

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 12:30 pm

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0096	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
67-64-1	Acetone	0.012		mg/kg dry	0.0096	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
71-43-2	Benzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS



Sample Information

Client Sample ID: B-9-1'-3'

York Sample ID: 16F1183-13

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 12:30 pm	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0096	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0096	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0096	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
100-42-5	Styrene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0096	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
108-88-3	Toluene	0.0087		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/07/2016 23:48	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	83.2 %		70-130						
2037-26-5	Surrogate: Toluene-d8	103 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	87.4 %		70-130						



Sample Information

Client Sample ID: B-9-1'-3'

York Sample ID: 16F1183-13

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 12:30 pm

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.11	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.11	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
62-53-3	Aniline	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
120-12-7	Anthracene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH



Sample Information

Client Sample ID: B-9-1'-3'

York Sample ID: 16F1183-13

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 12:30 pm

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
86-74-8	Carbazole	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
218-01-9	Chrysene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
86-73-7	Fluorene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
78-59-1	Isophorone	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
108-95-2	Phenol	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
129-00-0	Pyrene	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
110-86-1	Pyridine	ND		mg/kg dry	0.557	2	EPA 8270D	07/05/2016 13:48	07/07/2016 12:58	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	67.2 %			30-130					
4165-62-2	Surrogate: Phenol-d5	79.4 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	68.6 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	71.5 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	80.2 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	64.1 %			30-130					



Sample Information

Client Sample ID: B-9-1'-3'

York Sample ID: 16F1183-13

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 12:30 pm	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00278	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00278	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00278	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00278	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00278	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00278	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00278	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0110	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00278	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00278	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00278	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00278	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00278	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00278	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00278	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00278	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00278	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00278	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00278	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00278	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.139	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:44	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	90.5 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	82.1 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0278	1	EPA 8082A	07/06/2016 12:40	07/07/2016 22:45	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0278	1	EPA 8082A	07/06/2016 12:40	07/07/2016 22:45	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0278	1	EPA 8082A	07/06/2016 12:40	07/07/2016 22:45	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0278	1	EPA 8082A	07/06/2016 12:40	07/07/2016 22:45	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0278	1	EPA 8082A	07/06/2016 12:40	07/07/2016 22:45	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0278	1	EPA 8082A	07/06/2016 12:40	07/07/2016 22:45	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0278	1	EPA 8082A	07/06/2016 12:40	07/07/2016 22:45	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0278	1	EPA 8082A	07/06/2016 12:40	07/07/2016 22:45	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0278	1	EPA 8082A	07/06/2016 12:40	07/07/2016 22:45	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0278	1	EPA 8082A	07/06/2016 12:40	07/07/2016 22:45	AMC



Sample Information

Client Sample ID: B-9-1'-3' **York Sample ID:** 16F1183-13
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 12:30 pm **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	94.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	75.0 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	22.7		mg/kg dry	11.1	1	CT DEP ETPH	07/05/2016 07:49	07/07/2016 04:56	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	93.5 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	9.02		mg/kg dry	1.11	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:16	KV
7440-39-3	Barium	101		mg/kg dry	1.11	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:16	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.334	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:16	KV
7440-47-3	Chromium	44.5		mg/kg dry	0.557	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:16	KV
7439-92-1	Lead	9.15		mg/kg dry	0.334	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:16	KV
7782-49-2	Selenium	6.83		mg/kg dry	1.11	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:16	KV
7440-22-4	Silver	ND		mg/kg dry	0.557	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:16	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:27	KV
7440-39-3	Barium	0.231		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:27	KV
7440-43-9	Cadmium	0.004		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:27	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:27	KV
7439-92-1	Lead	0.035		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:27	KV
7782-49-2	Selenium	0.017		M-SeTC mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:27	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:27	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-9-1'-3' **York Sample ID:** 16F1183-13
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 12:30 pm **Date Received** 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0334	1	EPA 7473	07/01/2016 06:25	07/01/2016 18:40	ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/06/2016 11:45	07/07/2016 07:17	ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	89.8		%	0.100	1	SM 2540G	07/05/2016 12:20	07/05/2016 15:03	TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2016 19:55	07/06/2016 13:38	TJM

Sample Information

Client Sample ID: B-10-2'-4' **York Sample ID:** 16F1183-14
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 8:50 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS



Sample Information

Client Sample ID: B-10-2'-4'

York Sample ID: 16F1183-14

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 8:50 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0076	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
67-64-1	Acetone	ND		mg/kg dry	0.0076	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
71-43-2	Benzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS



Sample Information

Client Sample ID: B-10-2'-4'

York Sample ID: 16F1183-14

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 8:50 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0076	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0076	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0076	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
100-42-5	Styrene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0076	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
108-88-3	Toluene	0.0057		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0038	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:19	SS
	Surrogate Recoveries	Result			Acceptance Range					
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	79.0 %			70-130					
2037-26-5	Surrogate: Toluene-d8	109 %			70-130					
460-00-4	Surrogate: p-Bromofluorobenzene	97.2 %			70-130					



Sample Information

Client Sample ID: B-10-2'-4'

York Sample ID: 16F1183-14

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 8:50 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.05	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.05	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
62-53-3	Aniline	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
120-12-7	Anthracene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH



Sample Information

Client Sample ID: B-10-2'-4'

York Sample ID: 16F1183-14

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 8:50 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
86-74-8	Carbazole	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
218-01-9	Chrysene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
86-73-7	Fluorene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
78-59-1	Isophorone	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
108-95-2	Phenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
129-00-0	Pyrene	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
110-86-1	Pyridine	ND		mg/kg dry	0.526	2	EPA 8270D	07/05/2016 13:48	07/07/2016 13:31	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	67.1 %			30-130					
4165-62-2	Surrogate: Phenol-d5	80.9 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	68.0 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	70.9 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	78.4 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	66.5 %			30-130					



Sample Information

Client Sample ID: B-10-2'-4'

York Sample ID: 16F1183-14

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 8:50 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0104	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00263	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.131	5	EPA 8081B	07/06/2016 10:47	07/07/2016 13:59	AMC

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	107 %	30-140
877-09-8	Surrogate: Tetrachloro-m-xylene	73.8 %	30-140

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0263	1	EPA 8082A	07/06/2016 12:40	07/07/2016 23:14	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0263	1	EPA 8082A	07/06/2016 12:40	07/07/2016 23:14	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0263	1	EPA 8082A	07/06/2016 12:40	07/07/2016 23:14	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0263	1	EPA 8082A	07/06/2016 12:40	07/07/2016 23:14	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0263	1	EPA 8082A	07/06/2016 12:40	07/07/2016 23:14	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0263	1	EPA 8082A	07/06/2016 12:40	07/07/2016 23:14	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0263	1	EPA 8082A	07/06/2016 12:40	07/07/2016 23:14	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0263	1	EPA 8082A	07/06/2016 12:40	07/07/2016 23:14	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0263	1	EPA 8082A	07/06/2016 12:40	07/07/2016 23:14	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0263	1	EPA 8082A	07/06/2016 12:40	07/07/2016 23:14	AMC



Sample Information

Client Sample ID: B-10-2'-4' **York Sample ID:** 16F1183-14
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 8:50 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	94.5 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	81.5 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	24.4		mg/kg dry	10.5	1	CT DEP ETPH	07/05/2016 07:49	07/07/2016 05:34	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	86.7 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.96		mg/kg dry	1.05	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:21	KV
7440-39-3	Barium	42.7		mg/kg dry	1.05	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:21	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.315	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:21	KV
7440-47-3	Chromium	11.8		mg/kg dry	0.526	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:21	KV
7439-92-1	Lead	9.64		mg/kg dry	0.315	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:21	KV
7782-49-2	Selenium	1.58		mg/kg dry	1.05	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:21	KV
7440-22-4	Silver	ND		mg/kg dry	0.526	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:21	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:32	KV
7440-39-3	Barium	0.249		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:32	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:32	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:32	KV
7439-92-1	Lead	0.003		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:32	KV
7782-49-2	Selenium	0.013		M-SeTC mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:32	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:32	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-10-2'-4' **York Sample ID:** 16F1183-14
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 8:50 am **Date Received** 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0315	1	EPA 7473	07/01/2016 06:25	07/01/2016 18:49	ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/06/2016 11:45	07/07/2016 07:17	ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	95.1		%	0.100	1	SM 2540G	07/05/2016 12:20	07/05/2016 15:03	TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2016 19:55	07/06/2016 13:38	TJM

Sample Information

Client Sample ID: B-10-5'-7' **York Sample ID:** 16F1183-15
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 8:55 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS



Sample Information

Client Sample ID: B-10-5'-7'

York Sample ID: 16F1183-15

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 8:55 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0082	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
67-64-1	Acetone	0.017		mg/kg dry	0.0082	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
71-43-2	Benzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS



Sample Information

Client Sample ID: B-10-5'-7'

York Sample ID: 16F1183-15

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 8:55 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0082	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0082	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0082	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
100-42-5	Styrene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0082	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
108-88-3	Toluene	0.0054		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 00:50	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	79.2 %		70-130						
2037-26-5	Surrogate: Toluene-d8	104 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	87.7 %		70-130						



Sample Information

Client Sample ID: B-10-5'-7'

York Sample ID: 16F1183-15

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 8:55 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.04	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.04	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
62-53-3	Aniline	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
120-12-7	Anthracene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH



Sample Information

Client Sample ID: B-10-5'-7'

York Sample ID: 16F1183-15

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 8:55 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
86-74-8	Carbazole	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
218-01-9	Chrysene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
86-73-7	Fluorene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
78-59-1	Isophorone	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
108-95-2	Phenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
129-00-0	Pyrene	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
110-86-1	Pyridine	ND		mg/kg dry	0.520	2	EPA 8270D	07/05/2016 13:48	07/06/2016 18:10	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	44.1 %			30-130					
4165-62-2	Surrogate: Phenol-d5	51.8 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	33.6 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	33.2 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	53.5 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	26.6 %	S-07		30-130					



Sample Information

Client Sample ID: B-10-5'-7'

York Sample ID: 16F1183-15

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 8:55 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0103	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00260	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.130	5	EPA 8081B	07/06/2016 10:47	07/08/2016 11:26	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	88.9 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	32.8 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0260	1	EPA 8082A	07/06/2016 12:40	07/07/2016 23:44	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0260	1	EPA 8082A	07/06/2016 12:40	07/07/2016 23:44	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0260	1	EPA 8082A	07/06/2016 12:40	07/07/2016 23:44	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0260	1	EPA 8082A	07/06/2016 12:40	07/07/2016 23:44	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0260	1	EPA 8082A	07/06/2016 12:40	07/07/2016 23:44	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0260	1	EPA 8082A	07/06/2016 12:40	07/07/2016 23:44	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0260	1	EPA 8082A	07/06/2016 12:40	07/07/2016 23:44	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0260	1	EPA 8082A	07/06/2016 12:40	07/07/2016 23:44	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0260	1	EPA 8082A	07/06/2016 12:40	07/07/2016 23:44	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0260	1	EPA 8082A	07/06/2016 12:40	07/07/2016 23:44	AMC



Sample Information

Client Sample ID: B-10-5'-7' **York Sample ID:** 16F1183-15
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 8:55 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	83.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	71.5 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	65.4		mg/kg dry	10.4	1	CT DEP ETPH	07/05/2016 07:49	07/07/2016 06:13	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	117 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	4.93		mg/kg dry	1.04	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:25	KV
7440-39-3	Barium	29.0		mg/kg dry	1.04	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:25	KV
7440-43-9	Cadmium	2.18		mg/kg dry	0.312	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:25	KV
7440-47-3	Chromium	8.49		mg/kg dry	0.520	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:25	KV
7439-92-1	Lead	119		mg/kg dry	0.312	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:25	KV
7782-49-2	Selenium	3.24		mg/kg dry	1.04	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:25	KV
7440-22-4	Silver	ND		mg/kg dry	0.520	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:25	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:37	KV
7440-39-3	Barium	0.250		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:37	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:37	KV
7440-47-3	Chromium	0.007		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:37	KV
7439-92-1	Lead	0.019		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:37	KV
7782-49-2	Selenium	0.016		M-SeTC mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:37	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:37	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-10-5'-7' **York Sample ID:** 16F1183-15
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 8:55 am **Date Received** 06/30/2016

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0312	1	EPA 7473	07/05/2016 06:26	07/05/2016 08:36	ALD

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/06/2016 11:45	07/07/2016 07:17	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	96.2		%	0.100	1	SM 2540G	07/05/2016 12:20	07/05/2016 15:03	TJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2016 19:55	07/06/2016 13:38	TJM

Sample Information

Client Sample ID: B-11-2'-4' **York Sample ID:** 16F1183-16
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 12:15 pm **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS



Sample Information

Client Sample ID: B-11-2'-4'

York Sample ID: 16F1183-16

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 12:15 pm

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.010	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
67-64-1	Acetone	ND		mg/kg dry	0.010	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
71-43-2	Benzene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS



Sample Information

Client Sample ID: B-11-2'-4'

York Sample ID: 16F1183-16

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 12:15 pm	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.010	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.010	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.010	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
100-42-5	Styrene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.010	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
108-88-3	Toluene	0.0056		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0051	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:20	SS
	Surrogate Recoveries	Result			Acceptance Range					
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	78.7 %			70-130					
2037-26-5	Surrogate: Toluene-d8	106 %			70-130					
460-00-4	Surrogate: p-Bromofluorobenzene	89.8 %			70-130					



Sample Information

Client Sample ID: B-11-2'-4'

York Sample ID: 16F1183-16

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 12:15 pm	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.08	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.08	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
62-53-3	Aniline	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
120-12-7	Anthracene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH



Sample Information

Client Sample ID: B-11-2'-4'

York Sample ID: 16F1183-16

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 12:15 pm	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
86-74-8	Carbazole	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
218-01-9	Chrysene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
86-73-7	Fluorene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
78-59-1	Isophorone	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
108-95-2	Phenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
129-00-0	Pyrene	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
110-86-1	Pyridine	ND		mg/kg dry	0.540	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:05	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	55.8 %			30-130					
4165-62-2	Surrogate: Phenol-d5	68.5 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	51.6 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	57.4 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	46.9 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	55.7 %			30-130					



Sample Information

Client Sample ID: B-11-2'-4'

York Sample ID: 16F1183-16

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 12:15 pm	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00270	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00270	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00270	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00270	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00270	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00270	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00270	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0107	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00270	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00270	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00270	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00270	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00270	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00270	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00270	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00270	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00270	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00270	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00270	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00270	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.135	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:14	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	116 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	67.3 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0270	1	EPA 8082A	07/06/2016 12:40	07/08/2016 00:13	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0270	1	EPA 8082A	07/06/2016 12:40	07/08/2016 00:13	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0270	1	EPA 8082A	07/06/2016 12:40	07/08/2016 00:13	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0270	1	EPA 8082A	07/06/2016 12:40	07/08/2016 00:13	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0270	1	EPA 8082A	07/06/2016 12:40	07/08/2016 00:13	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0270	1	EPA 8082A	07/06/2016 12:40	07/08/2016 00:13	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0270	1	EPA 8082A	07/06/2016 12:40	07/08/2016 00:13	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0270	1	EPA 8082A	07/06/2016 12:40	07/08/2016 00:13	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0270	1	EPA 8082A	07/06/2016 12:40	07/08/2016 00:13	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0270	1	EPA 8082A	07/06/2016 12:40	07/08/2016 00:13	AMC



Sample Information

Client Sample ID: B-11-2'-4' **York Sample ID:** 16F1183-16
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 12:15 pm **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Sample Prepared by Method: EPA 3545A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	102 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	85.5 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Sample Prepared by Method: EPA 3545A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	10.8	1	CT DEP ETPH	07/06/2016 07:15	07/07/2016 14:39	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	77.6 %			50-150					

Metals, RCRA

Sample Prepared by Method: EPA 3050B

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	4.45		mg/kg dry	1.08	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:30	KV
7440-39-3	Barium	64.2		mg/kg dry	1.08	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:30	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.324	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:30	KV
7440-47-3	Chromium	16.1		mg/kg dry	0.540	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:30	KV
7439-92-1	Lead	10.4		mg/kg dry	0.324	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:30	KV
7782-49-2	Selenium	2.34		mg/kg dry	1.08	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:30	KV
7440-22-4	Silver	ND		mg/kg dry	0.540	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:30	KV

Metals, TCLP RCRA

Sample Prepared by Method: EPA 3015A/1311

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:43	KV
7440-39-3	Barium	0.349		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:43	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:43	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:43	KV
7439-92-1	Lead	0.004		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:43	KV
7782-49-2	Selenium	ND	M-SeTC	mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:43	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 01:43	KV

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-11-2'-4' **York Sample ID:** 16F1183-16
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 12:15 pm **Date Received** 06/30/2016

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0324	1	EPA 7473	07/05/2016 06:26	07/05/2016 09:54	ALD

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/06/2016 11:45	07/07/2016 07:17	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	92.7		%	0.100	1	SM 2540G	07/05/2016 12:20	07/05/2016 15:03	TJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2016 19:55	07/06/2016 13:38	TJM

Sample Information

Client Sample ID: B-12-2'-4' **York Sample ID:** 16F1183-17
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 9:35 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS



Sample Information

Client Sample ID: B-12-2'-4'

York Sample ID: 16F1183-17

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 9:35 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0094	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
67-64-1	Acetone	ND		mg/kg dry	0.0094	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
71-43-2	Benzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS



Sample Information

Client Sample ID: B-12-2'-4'

York Sample ID: 16F1183-17

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 9:35 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0094	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0094	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0094	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
100-42-5	Styrene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0094	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
108-88-3	Toluene	0.0069		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 01:51	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	82.2 %		70-130						
2037-26-5	Surrogate: Toluene-d8	107 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	87.0 %		70-130						



Sample Information

Client Sample ID: B-12-2'-4'

York Sample ID: 16F1183-17

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 9:35 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.02	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.02	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
62-53-3	Aniline	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
120-12-7	Anthracene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH



Sample Information

Client Sample ID: B-12-2'-4'

York Sample ID: 16F1183-17

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 9:35 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
86-74-8	Carbazole	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
218-01-9	Chrysene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
86-73-7	Fluorene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
78-59-1	Isophorone	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
108-95-2	Phenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
129-00-0	Pyrene	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
110-86-1	Pyridine	ND		mg/kg dry	0.510	2	EPA 8270D	07/05/2016 13:48	07/06/2016 12:39	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	64.3 %			30-130					
4165-62-2	Surrogate: Phenol-d5	77.8 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	58.3 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	63.3 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	49.9 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	62.5 %			30-130					



Sample Information

Client Sample ID: B-12-2'-4'

York Sample ID: 16F1183-17

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 9:35 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0101	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00255	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.127	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:29	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	107 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	54.0 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0255	1	EPA 8082A	07/06/2016 12:40	07/08/2016 00:42	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0255	1	EPA 8082A	07/06/2016 12:40	07/08/2016 00:42	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0255	1	EPA 8082A	07/06/2016 12:40	07/08/2016 00:42	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0255	1	EPA 8082A	07/06/2016 12:40	07/08/2016 00:42	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0255	1	EPA 8082A	07/06/2016 12:40	07/08/2016 00:42	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0255	1	EPA 8082A	07/06/2016 12:40	07/08/2016 00:42	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0255	1	EPA 8082A	07/06/2016 12:40	07/08/2016 00:42	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0255	1	EPA 8082A	07/06/2016 12:40	07/08/2016 00:42	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0255	1	EPA 8082A	07/06/2016 12:40	07/08/2016 00:42	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0255	1	EPA 8082A	07/06/2016 12:40	07/08/2016 00:42	AMC



Sample Information

Client Sample ID: B-12-2'-4'

York Sample ID: 16F1183-17

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 9:35 am

Date Received
06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	102 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	85.5 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	10.2	1	CT DEP ETPH	07/06/2016 07:15	07/07/2016 15:57	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	93.2 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	4.92		mg/kg dry	1.02	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:35	KV
7440-39-3	Barium	64.2		mg/kg dry	1.02	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:35	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.306	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:35	KV
7440-47-3	Chromium	20.6		mg/kg dry	0.510	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:35	KV
7439-92-1	Lead	12.4		mg/kg dry	0.306	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:35	KV
7782-49-2	Selenium	2.96		mg/kg dry	1.02	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:35	KV
7440-22-4	Silver	ND		mg/kg dry	0.510	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:35	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:01	KV
7440-39-3	Barium	0.203		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:01	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:01	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:01	KV
7439-92-1	Lead	0.005		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:01	KV
7782-49-2	Selenium	ND	M-SeTC	mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:01	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:01	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-12-2'-4' **York Sample ID:** 16F1183-17
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 9:35 am **Date Received** 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0306	1	EPA 7473	07/05/2016 06:26	07/05/2016 10:01	ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/06/2016 11:45	07/07/2016 07:17	ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	98.1		%	0.100	1	SM 2540G	07/05/2016 12:20	07/05/2016 15:03	TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2016 19:55	07/06/2016 13:38	TJM

Sample Information

Client Sample ID: B-12-5'-7' **York Sample ID:** 16F1183-18
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 9:45 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS



Sample Information

Client Sample ID: B-12-5'-7'

York Sample ID: 16F1183-18

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 9:45 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0094	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
67-64-1	Acetone	ND		mg/kg dry	0.0094	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
71-43-2	Benzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS



Sample Information

Client Sample ID: B-12-5'-7'

York Sample ID: 16F1183-18

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 9:45 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0094	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0094	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0094	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
100-42-5	Styrene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0094	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
108-88-3	Toluene	0.0096		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:22	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	77.5 %		70-130						
2037-26-5	Surrogate: Toluene-d8	105 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	90.4 %		70-130						



Sample Information

Client Sample ID: B-12-5'-7'

York Sample ID: 16F1183-18

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 9:45 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.07	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.07	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
62-53-3	Aniline	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
120-12-7	Anthracene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH



Sample Information

Client Sample ID: B-12-5'-7'

York Sample ID: 16F1183-18

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 9:45 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
86-74-8	Carbazole	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
218-01-9	Chrysene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
86-73-7	Fluorene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
78-59-1	Isophorone	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
108-95-2	Phenol	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
129-00-0	Pyrene	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
110-86-1	Pyridine	ND		mg/kg dry	0.536	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:12	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	68.8 %			30-130					
4165-62-2	Surrogate: Phenol-d5	82.8 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	63.7 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	70.6 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	50.7 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	61.2 %			30-130					



Sample Information

Client Sample ID: B-12-5'-7'

York Sample ID: 16F1183-18

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 9:45 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00268	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00268	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00268	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00268	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00268	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00268	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00268	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0106	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00268	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00268	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00268	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00268	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00268	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00268	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00268	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00268	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00268	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00268	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00268	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00268	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.134	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:44	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	122 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	83.9 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0268	1	EPA 8082A	07/06/2016 12:40	07/08/2016 01:11	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0268	1	EPA 8082A	07/06/2016 12:40	07/08/2016 01:11	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0268	1	EPA 8082A	07/06/2016 12:40	07/08/2016 01:11	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0268	1	EPA 8082A	07/06/2016 12:40	07/08/2016 01:11	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0268	1	EPA 8082A	07/06/2016 12:40	07/08/2016 01:11	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0268	1	EPA 8082A	07/06/2016 12:40	07/08/2016 01:11	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0268	1	EPA 8082A	07/06/2016 12:40	07/08/2016 01:11	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0268	1	EPA 8082A	07/06/2016 12:40	07/08/2016 01:11	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0268	1	EPA 8082A	07/06/2016 12:40	07/08/2016 01:11	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0268	1	EPA 8082A	07/06/2016 12:40	07/08/2016 01:11	AMC



Sample Information

Client Sample ID: B-12-5'-7' **York Sample ID:** 16F1183-18
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 9:45 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	105 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	84.0 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	10.7	1	CT DEP ETPH	07/06/2016 07:15	07/07/2016 17:16	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	101 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	8.42		mg/kg dry	1.07	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:39	KV
7440-39-3	Barium	52.6		mg/kg dry	1.07	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:39	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.321	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:39	KV
7440-47-3	Chromium	13.6		mg/kg dry	0.536	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:39	KV
7439-92-1	Lead	15.1		mg/kg dry	0.321	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:39	KV
7782-49-2	Selenium	3.42		mg/kg dry	1.07	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:39	KV
7440-22-4	Silver	ND		mg/kg dry	0.536	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:39	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:06	KV
7440-39-3	Barium	0.320		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:06	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:06	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:06	KV
7439-92-1	Lead	0.005		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:06	KV
7782-49-2	Selenium	0.017		M-SeTC mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:06	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:06	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-12-5'-7' **York Sample ID:** 16F1183-18
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 9:45 am **Date Received** 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0321	1	EPA 7473	07/05/2016 06:26	07/05/2016 10:09	ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/06/2016 11:45	07/07/2016 07:17	ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	93.3		%	0.100	1	SM 2540G	07/05/2016 12:20	07/05/2016 15:03	TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2016 19:55	07/06/2016 13:38	TJM

Sample Information

Client Sample ID: B-13-3'-5' **York Sample ID:** 16F1183-19
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 10:00 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS



Sample Information

Client Sample ID: B-13-3'-5'

York Sample ID: 16F1183-19

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 10:00 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0081	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
67-64-1	Acetone	0.016		mg/kg dry	0.0081	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
71-43-2	Benzene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS



Sample Information

Client Sample ID: B-13-3'-5'

York Sample ID: 16F1183-19

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 10:00 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0081	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0081	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0081	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
100-42-5	Styrene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0081	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
108-88-3	Toluene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0040	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:56	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	78.1 %		70-130						
2037-26-5	Surrogate: Toluene-d8	104 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	86.0 %		70-130						



Sample Information

Client Sample ID: B-13-3'-5'

York Sample ID: 16F1183-19

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 10:00 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.10	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.10	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
62-53-3	Aniline	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
120-12-7	Anthracene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH



Sample Information

Client Sample ID: B-13-3'-5'

York Sample ID: 16F1183-19

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 10:00 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
86-74-8	Carbazole	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
218-01-9	Chrysene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
86-73-7	Fluorene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
78-59-1	Isophorone	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
108-95-2	Phenol	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
129-00-0	Pyrene	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
110-86-1	Pyridine	ND		mg/kg dry	0.551	2	EPA 8270D	07/05/2016 13:48	07/06/2016 13:45	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	68.1 %			30-130					
4165-62-2	Surrogate: Phenol-d5	82.4 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	62.0 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	67.5 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	50.6 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	61.1 %			30-130					



Sample Information

Client Sample ID: B-13-3'-5'

York Sample ID: 16F1183-19

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 10:00 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00276	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00276	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00276	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00276	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00276	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00276	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00276	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0109	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00276	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00276	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00276	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00276	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00276	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00276	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00276	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00276	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00276	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00276	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00276	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00276	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.138	5	EPA 8081B	07/06/2016 10:47	07/07/2016 14:59	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	114 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	76.8 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0276	1	EPA 8082A	07/06/2016 12:40	07/08/2016 01:41	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0276	1	EPA 8082A	07/06/2016 12:40	07/08/2016 01:41	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0276	1	EPA 8082A	07/06/2016 12:40	07/08/2016 01:41	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0276	1	EPA 8082A	07/06/2016 12:40	07/08/2016 01:41	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0276	1	EPA 8082A	07/06/2016 12:40	07/08/2016 01:41	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0276	1	EPA 8082A	07/06/2016 12:40	07/08/2016 01:41	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0276	1	EPA 8082A	07/06/2016 12:40	07/08/2016 01:41	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0276	1	EPA 8082A	07/06/2016 12:40	07/08/2016 01:41	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0276	1	EPA 8082A	07/06/2016 12:40	07/08/2016 01:41	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0276	1	EPA 8082A	07/06/2016 12:40	07/08/2016 01:41	AMC



Sample Information

Client Sample ID: B-13-3'-5' **York Sample ID:** 16F1183-19
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 10:00 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	98.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	84.0 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	11.0	1	CT DEP ETPH	07/06/2016 07:15	07/07/2016 17:55	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	81.6 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	4.25		mg/kg dry	1.10	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:57	KV
7440-39-3	Barium	65.8		mg/kg dry	1.10	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:57	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.331	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:57	KV
7440-47-3	Chromium	20.5		mg/kg dry	0.551	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:57	KV
7439-92-1	Lead	8.43		mg/kg dry	0.331	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:57	KV
7782-49-2	Selenium	1.75		mg/kg dry	1.10	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:57	KV
7440-22-4	Silver	ND		mg/kg dry	0.551	1	EPA 6010C	07/05/2016 07:33	07/05/2016 22:57	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:11	KV
7440-39-3	Barium	0.409		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:11	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:11	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:11	KV
7439-92-1	Lead	0.006		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:11	KV
7782-49-2	Selenium	0.019		M-SeTC mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:11	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:11	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-13-3'-5'

York Sample ID: 16F1183-19

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 16F1183, 14EC0037, Soil, June 27, 2016 10:00 am, 06/30/2016

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, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: 7439-97-6 Mercury 0.0334 mg/kg dry 0.0331 1 EPA 7473 07/05/2016 06:26 07/05/2016 10:18 ALD

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: 7439-97-6 Mercury ND mg/L 0.000200 1 EPA 7473/1311 07/07/2016 12:27 07/08/2016 07:12 ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: solids % Solids 90.7 % 0.100 1 SM 2540G 07/05/2016 12:20 07/05/2016 15:03 TJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction Completed N/A 1.00 1 EPA 1311 07/05/2016 19:55 07/06/2016 13:38 TJM

Sample Information

Client Sample ID: B-13-7'-9'

York Sample ID: 16F1183-20

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 16F1183, 14EC0037, Soil, June 27, 2016 10:05 am, 06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Multiple rows for various organics like 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, etc.



Sample Information

Client Sample ID: B-13-7'-9'

York Sample ID: 16F1183-20

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 10:05 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0095	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
67-64-1	Acetone	ND		mg/kg dry	0.0095	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
71-43-2	Benzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS



Sample Information

Client Sample ID: B-13-7'-9'

York Sample ID: 16F1183-20

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 10:05 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0095	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0095	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0095	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
100-42-5	Styrene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0095	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
108-88-3	Toluene	0.0059		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0048	1	EPA 8260C	07/07/2016 16:59	07/08/2016 02:52	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	80.5 %		70-130						
2037-26-5	Surrogate: Toluene-d8	105 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	91.4 %		70-130						



Sample Information

Client Sample ID: B-13-7'-9'

York Sample ID: 16F1183-20

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 10:05 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.15	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.15	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
62-53-3	Aniline	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
120-12-7	Anthracene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH



Sample Information

Client Sample ID: B-13-7'-9'

York Sample ID: 16F1183-20

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 10:05 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
86-74-8	Carbazole	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
218-01-9	Chrysene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
86-73-7	Fluorene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
78-59-1	Isophorone	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
108-95-2	Phenol	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
129-00-0	Pyrene	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
110-86-1	Pyridine	ND		mg/kg dry	0.577	2	EPA 8270D	07/05/2016 13:48	07/06/2016 14:19	KH
	Surrogate Recoveries	Result		Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	62.8 %		30-130						
4165-62-2	Surrogate: Phenol-d5	75.1 %		30-130						
4165-60-0	Surrogate: Nitrobenzene-d5	60.2 %		30-130						
321-60-8	Surrogate: 2-Fluorobiphenyl	62.7 %		30-130						
118-79-6	Surrogate: 2,4,6-Tribromophenol	41.4 %		30-130						
1718-51-0	Surrogate: Terphenyl-d14	54.1 %		30-130						



Sample Information

Client Sample ID: B-13-7'-9'

York Sample ID: 16F1183-20

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 10:05 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00289	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00289	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00289	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00289	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00289	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00289	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00289	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0114	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00289	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00289	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00289	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00289	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00289	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00289	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00289	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00289	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00289	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00289	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00289	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00289	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.144	5	EPA 8081B	07/06/2016 10:47	07/07/2016 15:14	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	117 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	80.4 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0289	1	EPA 8082A	07/06/2016 12:40	07/08/2016 02:10	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0289	1	EPA 8082A	07/06/2016 12:40	07/08/2016 02:10	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0289	1	EPA 8082A	07/06/2016 12:40	07/08/2016 02:10	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0289	1	EPA 8082A	07/06/2016 12:40	07/08/2016 02:10	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0289	1	EPA 8082A	07/06/2016 12:40	07/08/2016 02:10	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0289	1	EPA 8082A	07/06/2016 12:40	07/08/2016 02:10	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0289	1	EPA 8082A	07/06/2016 12:40	07/08/2016 02:10	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0289	1	EPA 8082A	07/06/2016 12:40	07/08/2016 02:10	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0289	1	EPA 8082A	07/06/2016 12:40	07/08/2016 02:10	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0289	1	EPA 8082A	07/06/2016 12:40	07/08/2016 02:10	AMC



Sample Information

Client Sample ID: B-13-7'-9'

York Sample ID: 16F1183-20

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 10:05 am

Date Received
06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	104 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	85.0 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	11.5	1	CT DEP ETPH	07/06/2016 07:15	07/07/2016 18:34	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	92.3 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	6.07		mg/kg dry	1.15	1	EPA 6010C	07/05/2016 07:33	07/05/2016 23:02	KV
7440-39-3	Barium	167		mg/kg dry	1.15	1	EPA 6010C	07/05/2016 07:33	07/05/2016 23:02	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.346	1	EPA 6010C	07/05/2016 07:33	07/05/2016 23:02	KV
7440-47-3	Chromium	49.2		mg/kg dry	0.577	1	EPA 6010C	07/05/2016 07:33	07/05/2016 23:02	KV
7439-92-1	Lead	9.49		mg/kg dry	0.346	1	EPA 6010C	07/05/2016 07:33	07/05/2016 23:02	KV
7782-49-2	Selenium	6.64		mg/kg dry	1.15	1	EPA 6010C	07/05/2016 07:33	07/05/2016 23:02	KV
7440-22-4	Silver	ND		mg/kg dry	0.577	1	EPA 6010C	07/05/2016 07:33	07/05/2016 23:02	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:17	KV
7440-39-3	Barium	0.458		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:17	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:17	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:17	KV
7439-92-1	Lead	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:17	KV
7782-49-2	Selenium	0.012		M-SeTC mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:17	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:17	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-13-7'-9' **York Sample ID:** 16F1183-20
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 10:05 am **Date Received** 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0346	1	EPA 7473	07/05/2016 06:26	07/05/2016 10:27	ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/07/2016 12:27	07/08/2016 07:12	ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	86.6		%	0.100	1	SM 2540G	07/05/2016 12:20	07/05/2016 15:03	TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2016 19:55	07/06/2016 13:38	TJM

Sample Information

Client Sample ID: B-14-2'-4' **York Sample ID:** 16F1183-21
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 11:25 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS



Sample Information

Client Sample ID: B-14-2'-4'

York Sample ID: 16F1183-21

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 11:25 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0093	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
67-64-1	Acetone	ND		mg/kg dry	0.0093	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
71-43-2	Benzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS



Sample Information

Client Sample ID: B-14-2'-4'

York Sample ID: 16F1183-21

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 11:25 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0093	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0093	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0093	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
100-42-5	Styrene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0093	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
108-88-3	Toluene	0.0081		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:23	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	77.3 %		70-130						
2037-26-5	Surrogate: Toluene-d8	105 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	86.6 %		70-130						



Sample Information

Client Sample ID: B-14-2'-4'

York Sample ID: 16F1183-21

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 11:25 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.18	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.18	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
62-53-3	Aniline	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
120-12-7	Anthracene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH



Sample Information

Client Sample ID: B-14-2'-4'

York Sample ID: 16F1183-21

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 11:25 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
86-74-8	Carbazole	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
218-01-9	Chrysene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
86-73-7	Fluorene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
78-59-1	Isophorone	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
108-95-2	Phenol	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
129-00-0	Pyrene	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
110-86-1	Pyridine	ND		mg/kg dry	0.589	2	EPA 8270D	07/06/2016 12:46	07/07/2016 11:19	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	61.2 %			30-130					
4165-62-2	Surrogate: Phenol-d5	74.4 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	64.6 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	64.7 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	79.9 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	60.8 %			30-130					



Sample Information

Client Sample ID: B-14-2'-4'

York Sample ID: 16F1183-21

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 11:25 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00295	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00295	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00295	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00295	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00295	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00295	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00295	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0117	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00295	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00295	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00295	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00295	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00295	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00295	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00295	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00295	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00295	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00295	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00295	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00295	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.147	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:19	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	131 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	86.1 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0295	1	EPA 8082A	07/07/2016 07:25	07/08/2016 05:06	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0295	1	EPA 8082A	07/07/2016 07:25	07/08/2016 05:06	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0295	1	EPA 8082A	07/07/2016 07:25	07/08/2016 05:06	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0295	1	EPA 8082A	07/07/2016 07:25	07/08/2016 05:06	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0295	1	EPA 8082A	07/07/2016 07:25	07/08/2016 05:06	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0295	1	EPA 8082A	07/07/2016 07:25	07/08/2016 05:06	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0295	1	EPA 8082A	07/07/2016 07:25	07/08/2016 05:06	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0295	1	EPA 8082A	07/07/2016 07:25	07/08/2016 05:06	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0295	1	EPA 8082A	07/07/2016 07:25	07/08/2016 05:06	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0295	1	EPA 8082A	07/07/2016 07:25	07/08/2016 05:06	AMC



Sample Information

Client Sample ID: B-14-2'-4'

York Sample ID: 16F1183-21

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 11:25 am

Date Received
06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	116 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	100 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	11.8	1	CT DEP ETPH	07/06/2016 07:15	07/07/2016 19:13	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	73.4 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	4.23		mg/kg dry	1.18	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:24	KV
7440-39-3	Barium	86.7		mg/kg dry	1.18	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:24	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.354	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:24	KV
7440-47-3	Chromium	24.1		mg/kg dry	0.589	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:24	KV
7439-92-1	Lead	4.32		mg/kg dry	0.354	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:24	KV
7782-49-2	Selenium	3.44		mg/kg dry	1.18	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:24	KV
7440-22-4	Silver	ND		mg/kg dry	0.589	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:24	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:22	KV
7440-39-3	Barium	0.234		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:22	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:22	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:22	KV
7439-92-1	Lead	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:22	KV
7782-49-2	Selenium	0.015		M-SeTC mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:22	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:22	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-14-2'-4' **York Sample ID:** 16F1183-21
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 11:25 am **Date Received** 06/30/2016

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0354	1	EPA 7473	07/05/2016 06:26	07/05/2016 10:36	ALD

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/07/2016 12:27	07/08/2016 07:12	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	84.8		%	0.100	1	SM 2540G	07/05/2016 12:20	07/05/2016 15:03	TJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2016 19:55	07/06/2016 13:38	TJM

Sample Information

Client Sample ID: B-14-5'-7' **York Sample ID:** 16F1183-22
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 11:35 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS



Sample Information

Client Sample ID: B-14-5'-7'

York Sample ID: 16F1183-22

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 11:35 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0083	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
67-64-1	Acetone	0.011		mg/kg dry	0.0083	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
71-43-2	Benzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS



Sample Information

Client Sample ID: B-14-5'-7'

York Sample ID: 16F1183-22

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 11:35 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0083	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0083	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0083	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
100-42-5	Styrene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0083	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
108-88-3	Toluene	0.0082		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0042	1	EPA 8260C	07/07/2016 16:59	07/08/2016 03:53	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	78.6 %		70-130						
2037-26-5	Surrogate: Toluene-d8	106 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	90.5 %		70-130						



Sample Information

Client Sample ID: B-14-5'-7'

York Sample ID: 16F1183-22

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 11:35 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.17	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.17	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
62-53-3	Aniline	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
120-12-7	Anthracene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH



Sample Information

Client Sample ID: B-14-5'-7'

York Sample ID: 16F1183-22

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 11:35 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
86-74-8	Carbazole	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
218-01-9	Chrysene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
86-73-7	Fluorene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
78-59-1	Isophorone	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
108-95-2	Phenol	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
129-00-0	Pyrene	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
110-86-1	Pyridine	ND		mg/kg dry	0.583	2	EPA 8270D	07/06/2016 12:46	07/07/2016 14:04	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	62.4 %			30-130					
4165-62-2	Surrogate: Phenol-d5	75.2 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	62.8 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	63.9 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	67.3 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	57.2 %			30-130					



Sample Information

Client Sample ID: B-14-5'-7'

York Sample ID: 16F1183-22

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 11:35 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00292	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00292	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00292	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00292	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00292	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00292	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00292	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0115	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00292	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00292	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00292	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00292	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00292	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00292	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00292	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00292	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00292	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00292	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00292	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00292	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.146	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:34	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	123 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	95.5 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0292	1	EPA 8082A	07/07/2016 07:25	07/08/2016 05:35	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0292	1	EPA 8082A	07/07/2016 07:25	07/08/2016 05:35	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0292	1	EPA 8082A	07/07/2016 07:25	07/08/2016 05:35	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0292	1	EPA 8082A	07/07/2016 07:25	07/08/2016 05:35	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0292	1	EPA 8082A	07/07/2016 07:25	07/08/2016 05:35	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0292	1	EPA 8082A	07/07/2016 07:25	07/08/2016 05:35	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0292	1	EPA 8082A	07/07/2016 07:25	07/08/2016 05:35	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0292	1	EPA 8082A	07/07/2016 07:25	07/08/2016 05:35	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0292	1	EPA 8082A	07/07/2016 07:25	07/08/2016 05:35	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0292	1	EPA 8082A	07/07/2016 07:25	07/08/2016 05:35	AMC



Sample Information

Client Sample ID: B-14-5'-7'

York Sample ID: 16F1183-22

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 11:35 am

Date Received
06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	120 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	104 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	11.7	1	CT DEP ETPH	07/06/2016 07:15	07/07/2016 19:52	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	93.9 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.91		mg/kg dry	1.17	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:37	KV
7440-39-3	Barium	37.3		mg/kg dry	1.17	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:37	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.350	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:37	KV
7440-47-3	Chromium	10.6		mg/kg dry	0.583	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:37	KV
7439-92-1	Lead	2.81		mg/kg dry	0.350	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:37	KV
7782-49-2	Selenium	1.72		mg/kg dry	1.17	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:37	KV
7440-22-4	Silver	ND		mg/kg dry	0.583	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:37	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:27	KV
7440-39-3	Barium	0.213		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:27	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:27	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:27	KV
7439-92-1	Lead	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:27	KV
7782-49-2	Selenium	0.013		M-SeTC mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:27	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:27	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-14-5'-7' **York Sample ID:** 16F1183-22
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 11:35 am **Date Received** 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0350	1	EPA 7473	07/05/2016 06:26	07/05/2016 10:45	ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/07/2016 12:27	07/08/2016 07:12	ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	85.8		%	0.100	1	SM 2540G	07/05/2016 12:20	07/05/2016 15:03	TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2016 19:55	07/06/2016 13:38	TJM

Sample Information

Client Sample ID: B-15-2'-4' **York Sample ID:** 16F1183-23
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 11:15 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS



Sample Information

Client Sample ID: B-15-2'-4'

York Sample ID: 16F1183-23

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 11:15 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0095	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
67-64-1	Acetone	0.023		mg/kg dry	0.0095	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
71-43-2	Benzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS



Sample Information

Client Sample ID: B-15-2'-4'

York Sample ID: 16F1183-23

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 11:15 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0095	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0095	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0095	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
100-42-5	Styrene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0095	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
108-88-3	Toluene	0.0062		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0047	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:24	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	77.0 %		70-130						
2037-26-5	Surrogate: Toluene-d8	106 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	91.5 %		70-130						



Sample Information

Client Sample ID: B-15-2'-4'

York Sample ID: 16F1183-23

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 11:15 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.08	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.08	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
62-53-3	Aniline	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
120-12-7	Anthracene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH



Sample Information

Client Sample ID: B-15-2'-4'

York Sample ID: 16F1183-23

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 11:15 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
86-74-8	Carbazole	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
218-01-9	Chrysene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
86-73-7	Fluorene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
78-59-1	Isophorone	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
108-95-2	Phenol	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
129-00-0	Pyrene	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
110-86-1	Pyridine	ND		mg/kg dry	0.542	2	EPA 8270D	07/06/2016 12:46	07/07/2016 15:51	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	55.2 %			30-130					
4165-62-2	Surrogate: Phenol-d5	65.0 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	60.2 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	61.2 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	61.1 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	54.6 %			30-130					



Sample Information

Client Sample ID: B-15-2'-4'

York Sample ID: 16F1183-23

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 11:15 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00271	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00271	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00271	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00271	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00271	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00271	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00271	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0107	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00271	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00271	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00271	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00271	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00271	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00271	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00271	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00271	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00271	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00271	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00271	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00271	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.136	5	EPA 8081B	07/07/2016 07:25	07/07/2016 19:49	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	113 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	83.0 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0271	1	EPA 8082A	07/07/2016 07:25	07/08/2016 06:34	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0271	1	EPA 8082A	07/07/2016 07:25	07/08/2016 06:34	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0271	1	EPA 8082A	07/07/2016 07:25	07/08/2016 06:34	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0271	1	EPA 8082A	07/07/2016 07:25	07/08/2016 06:34	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0271	1	EPA 8082A	07/07/2016 07:25	07/08/2016 06:34	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0271	1	EPA 8082A	07/07/2016 07:25	07/08/2016 06:34	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0271	1	EPA 8082A	07/07/2016 07:25	07/08/2016 06:34	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0271	1	EPA 8082A	07/07/2016 07:25	07/08/2016 06:34	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0271	1	EPA 8082A	07/07/2016 07:25	07/08/2016 06:34	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0271	1	EPA 8082A	07/07/2016 07:25	07/08/2016 06:34	AMC



Sample Information

Client Sample ID: B-15-2'-4' **York Sample ID:** 16F1183-23
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 11:15 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	97.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	87.0 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	106		mg/kg dry	10.8	1	CT DEP ETPH	07/06/2016 07:15	07/07/2016 20:31	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	92.3 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.12		mg/kg dry	1.08	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:42	KV
7440-39-3	Barium	41.4		mg/kg dry	1.08	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:42	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.325	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:42	KV
7440-47-3	Chromium	17.1		mg/kg dry	0.542	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:42	KV
7439-92-1	Lead	4.91		mg/kg dry	0.325	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:42	KV
7782-49-2	Selenium	2.12		mg/kg dry	1.08	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:42	KV
7440-22-4	Silver	ND		mg/kg dry	0.542	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:42	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:32	KV
7440-39-3	Barium	0.429		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:32	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:32	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:32	KV
7439-92-1	Lead	0.007		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:32	KV
7782-49-2	Selenium	0.022		M-SeTC mg/L	0.011	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:32	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 10:25	07/08/2016 02:32	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-15-2'-4' **York Sample ID:** 16F1183-23
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 11:15 am **Date Received** 06/30/2016

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0325	1	EPA 7473	07/05/2016 06:26	07/05/2016 10:54	ALD

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/07/2016 12:27	07/08/2016 07:12	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	92.2		%	0.100	1	SM 2540G	07/05/2016 12:20	07/05/2016 15:03	TJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2016 19:55	07/06/2016 13:38	TJM

Sample Information

Client Sample ID: B-16-2'-4' **York Sample ID:** 16F1183-24
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 10:30 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS



Sample Information

Client Sample ID: B-16-2'-4'

York Sample ID: 16F1183-24

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 10:30 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0092	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
67-64-1	Acetone	0.010		mg/kg dry	0.0092	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
71-43-2	Benzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS



Sample Information

Client Sample ID: B-16-2'-4'

York Sample ID: 16F1183-24

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 10:30 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0092	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0092	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0092	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
100-42-5	Styrene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0092	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
108-88-3	Toluene	0.0091		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0046	1	EPA 8260C	07/07/2016 16:59	07/08/2016 04:54	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	79.7 %		70-130						
2037-26-5	Surrogate: Toluene-d8	105 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	89.2 %		70-130						



Sample Information

Client Sample ID: B-16-2'-4'

York Sample ID: 16F1183-24

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 10:30 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.07	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.07	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
62-53-3	Aniline	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
120-12-7	Anthracene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH



Sample Information

Client Sample ID: B-16-2'-4'

York Sample ID: 16F1183-24

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 10:30 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
86-74-8	Carbazole	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
218-01-9	Chrysene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
86-73-7	Fluorene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
78-59-1	Isophorone	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
108-95-2	Phenol	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
129-00-0	Pyrene	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
110-86-1	Pyridine	ND		mg/kg dry	0.537	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:24	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	53.7 %			30-130					
4165-62-2	Surrogate: Phenol-d5	64.5 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	58.0 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	62.0 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	63.1 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	58.6 %			30-130					



Sample Information

Client Sample ID: B-16-2'-4'

York Sample ID: 16F1183-24

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 10:30 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00269	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00269	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00269	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00269	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00269	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00269	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00269	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0106	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00269	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00269	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00269	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00269	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00269	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00269	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00269	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00269	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00269	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00269	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00269	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00269	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.134	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:41	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	108 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	38.7 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0269	1	EPA 8082A	07/07/2016 07:25	07/08/2016 07:03	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0269	1	EPA 8082A	07/07/2016 07:25	07/08/2016 07:03	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0269	1	EPA 8082A	07/07/2016 07:25	07/08/2016 07:03	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0269	1	EPA 8082A	07/07/2016 07:25	07/08/2016 07:03	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0269	1	EPA 8082A	07/07/2016 07:25	07/08/2016 07:03	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0269	1	EPA 8082A	07/07/2016 07:25	07/08/2016 07:03	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0269	1	EPA 8082A	07/07/2016 07:25	07/08/2016 07:03	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0269	1	EPA 8082A	07/07/2016 07:25	07/08/2016 07:03	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0269	1	EPA 8082A	07/07/2016 07:25	07/08/2016 07:03	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0269	1	EPA 8082A	07/07/2016 07:25	07/08/2016 07:03	AMC



Sample Information

Client Sample ID: B-16-2'-4' **York Sample ID:** 16F1183-24
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 10:30 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	95.5 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	90.0 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	66.8		mg/kg dry	10.7	1	CT DEP ETPH	07/06/2016 07:15	07/07/2016 21:10	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	110 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	5.38		mg/kg dry	1.07	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:59	KV
7440-39-3	Barium	43.7		mg/kg dry	1.07	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:59	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.322	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:59	KV
7440-47-3	Chromium	12.6		mg/kg dry	0.537	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:59	KV
7439-92-1	Lead	7.04		mg/kg dry	0.322	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:59	KV
7782-49-2	Selenium	1.91		mg/kg dry	1.07	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:59	KV
7440-22-4	Silver	ND		mg/kg dry	0.537	1	EPA 6010C	07/05/2016 07:40	07/05/2016 23:59	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:14	KV
7440-39-3	Barium	0.486		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:14	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:14	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:14	KV
7439-92-1	Lead	0.015		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:14	KV
7782-49-2	Selenium	ND	M-SeTC	mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:14	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:14	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-16-2'-4' **York Sample ID:** 16F1183-24
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 10:30 am **Date Received** 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0322	1	EPA 7473	07/05/2016 06:26	07/05/2016 11:03	ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/07/2016 12:27	07/08/2016 07:12	ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	93.1		%	0.100	1	SM 2540G	07/05/2016 12:20	07/05/2016 15:03	TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2016 19:55	07/06/2016 13:38	TJM

Sample Information

Client Sample ID: B-16-5'-7' **York Sample ID:** 16F1183-25
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 10:35 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS



Sample Information

Client Sample ID: B-16-5'-7'

York Sample ID: 16F1183-25

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 10:35 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0081	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
67-64-1	Acetone	0.020		mg/kg dry	0.0081	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
71-43-2	Benzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS



Sample Information

Client Sample ID: B-16-5'-7'

York Sample ID: 16F1183-25

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 10:35 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0081	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0081	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0081	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
100-42-5	Styrene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0081	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
108-88-3	Toluene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0041	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:25	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	78.6 %		70-130						
2037-26-5	Surrogate: Toluene-d8	105 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	89.8 %		70-130						



Sample Information

Client Sample ID: B-16-5'-7'

York Sample ID: 16F1183-25

York Project (SDG) No. 16F1183

Client Project ID 14EC0037

Matrix Soil

Collection Date/Time June 27, 2016 10:35 am

Date Received 06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

Table with 10 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Contains 40 rows of chemical analysis data.



Sample Information

Client Sample ID: B-16-5'-7'

York Sample ID: 16F1183-25

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 10:35 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
86-74-8	Carbazole	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
218-01-9	Chrysene	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
86-73-7	Fluorene	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
78-59-1	Isophorone	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
108-95-2	Phenol	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
129-00-0	Pyrene	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
110-86-1	Pyridine	ND		mg/kg dry	0.577	2	EPA 8270D	07/06/2016 12:46	07/07/2016 16:58	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	58.3 %			30-130					
4165-62-2	Surrogate: Phenol-d5	69.7 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	60.1 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	61.7 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	61.6 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	58.4 %			30-130					



Sample Information

Client Sample ID: B-16-5'-7'

York Sample ID: 16F1183-25

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 10:35 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00289	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00289	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00289	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00289	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00289	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00289	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00289	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0114	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00289	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00289	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00289	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00289	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00289	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00289	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00289	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00289	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00289	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00289	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00289	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00289	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.144	5	EPA 8081B	07/07/2016 07:25	07/08/2016 11:57	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	105 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	41.6 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0289	1	EPA 8082A	07/07/2016 07:25	07/08/2016 07:32	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0289	1	EPA 8082A	07/07/2016 07:25	07/08/2016 07:32	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0289	1	EPA 8082A	07/07/2016 07:25	07/08/2016 07:32	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0289	1	EPA 8082A	07/07/2016 07:25	07/08/2016 07:32	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0289	1	EPA 8082A	07/07/2016 07:25	07/08/2016 07:32	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0289	1	EPA 8082A	07/07/2016 07:25	07/08/2016 07:32	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0289	1	EPA 8082A	07/07/2016 07:25	07/08/2016 07:32	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0289	1	EPA 8082A	07/07/2016 07:25	07/08/2016 07:32	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0289	1	EPA 8082A	07/07/2016 07:25	07/08/2016 07:32	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0289	1	EPA 8082A	07/07/2016 07:25	07/08/2016 07:32	AMC



Sample Information

Client Sample ID: B-16-5'-7'

York Sample ID: 16F1183-25

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 10:35 am

Date Received
06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	96.5 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	94.5 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	11.5	1	CT DEP ETPH	07/06/2016 07:15	07/07/2016 21:49	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	99.0 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	7.98		mg/kg dry	1.15	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:04	KV
7440-39-3	Barium	88.1		mg/kg dry	1.15	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:04	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.346	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:04	KV
7440-47-3	Chromium	22.4		mg/kg dry	0.577	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:04	KV
7439-92-1	Lead	9.08		mg/kg dry	0.346	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:04	KV
7782-49-2	Selenium	3.81		mg/kg dry	1.15	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:04	KV
7440-22-4	Silver	ND		mg/kg dry	0.577	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:04	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:33	KV
7440-39-3	Barium	0.415		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:33	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:33	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:33	KV
7439-92-1	Lead	0.004		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:33	KV
7782-49-2	Selenium	ND	M-SeTC	mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:33	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:33	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-16-5'-7' **York Sample ID:** 16F1183-25
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 10:35 am **Date Received** 06/30/2016

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0439		mg/kg dry	0.0346	1	EPA 7473	07/05/2016 06:26	07/05/2016 11:12	ALD

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/07/2016 12:27	07/08/2016 07:12	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	86.6		%	0.100	1	SM 2540G	07/05/2016 12:20	07/05/2016 15:03	TJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2016 19:55	07/06/2016 13:38	TJM

Sample Information

Client Sample ID: B-17-2'-4' **York Sample ID:** 16F1183-26
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 11:00 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS



Sample Information

Client Sample ID: B-17-2'-4'

York Sample ID: 16F1183-26

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 11:00 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
78-93-3	2-Butanone	0.0091		mg/kg dry	0.0088	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
67-64-1	Acetone	0.044		mg/kg dry	0.0088	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
71-43-2	Benzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS



Sample Information

Client Sample ID: B-17-2'-4'

York Sample ID: 16F1183-26

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 11:00 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0088	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0088	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0088	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
100-42-5	Styrene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0088	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
108-88-3	Toluene	0.0064		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0044	1	EPA 8260C	07/07/2016 16:59	07/08/2016 05:55	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	80.5 %		70-130						
2037-26-5	Surrogate: Toluene-d8	101 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	90.4 %		70-130						



Sample Information

Client Sample ID: B-17-2'-4'

York Sample ID: 16F1183-26

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 11:00 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.14	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.14	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
62-53-3	Aniline	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
120-12-7	Anthracene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH



Sample Information

Client Sample ID: B-17-2'-4'

York Sample ID: 16F1183-26

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 11:00 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
86-74-8	Carbazole	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
218-01-9	Chrysene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
86-73-7	Fluorene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
78-59-1	Isophorone	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
108-95-2	Phenol	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
129-00-0	Pyrene	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
110-86-1	Pyridine	ND		mg/kg dry	0.570	2	EPA 8270D	07/06/2016 12:46	07/07/2016 17:31	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	57.4 %			30-130					
4165-62-2	Surrogate: Phenol-d5	69.5 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	59.8 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	58.9 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	70.6 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	64.5 %			30-130					



Sample Information

Client Sample ID: B-17-2'-4'

York Sample ID: 16F1183-26

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 11:00 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00285	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00285	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00285	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00285	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00285	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00285	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00285	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0113	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00285	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00285	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00285	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00285	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00285	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00285	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00285	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00285	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00285	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00285	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00285	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00285	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.142	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:04	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	123 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	82.5 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0285	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:01	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0285	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:01	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0285	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:01	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0285	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:01	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0285	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:01	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0285	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:01	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0285	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:01	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0285	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:01	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0285	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:01	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0285	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:01	AMC



Sample Information

Client Sample ID: B-17-2'-4'

York Sample ID: 16F1183-26

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 11:00 am

Date Received
06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	108 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	116 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	17.1		mg/kg dry	11.4	1	CT DEP ETPH	07/06/2016 07:15	07/07/2016 23:07	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	101 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	8.04		mg/kg dry	1.14	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:09	KV
7440-39-3	Barium	80.5		mg/kg dry	1.14	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:09	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.342	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:09	KV
7440-47-3	Chromium	23.0		mg/kg dry	0.570	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:09	KV
7439-92-1	Lead	14.4		mg/kg dry	0.342	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:09	KV
7782-49-2	Selenium	4.37		mg/kg dry	1.14	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:09	KV
7440-22-4	Silver	ND		mg/kg dry	0.570	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:09	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:38	KV
7440-39-3	Barium	0.370		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:38	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:38	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:38	KV
7439-92-1	Lead	0.007		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:38	KV
7782-49-2	Selenium	0.017		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:38	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:38	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-17-2'-4' **York Sample ID:** 16F1183-26
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 28, 2016 11:00 am Date Received 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0399		mg/kg dry	0.0342	1	EPA 7473	07/05/2016 06:26	07/05/2016 11:21	ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/07/2016 12:27	07/08/2016 07:12	ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	87.8		%	0.100	1	SM 2540G	07/05/2016 12:20	07/05/2016 15:03	TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/05/2016 19:55	07/06/2016 13:38	TJM

Sample Information

Client Sample ID: B-17-8'-10' **York Sample ID:** 16F1183-27
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 28, 2016 11:05 am Date Received 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS



Sample Information

Client Sample ID: B-17-8'-10'

York Sample ID: 16F1183-27

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 11:05 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0085	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
67-64-1	Acetone	ND		mg/kg dry	0.0085	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
71-43-2	Benzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS



Sample Information

Client Sample ID: B-17-8'-10'

York Sample ID: 16F1183-27

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 11:05 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0085	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0085	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0085	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
100-42-5	Styrene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0085	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
108-88-3	Toluene	0.0046		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0043	1	EPA 8260C	07/07/2016 16:59	07/08/2016 06:26	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	78.7 %		70-130						
2037-26-5	Surrogate: Toluene-d8	104 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	88.6 %		70-130						



Sample Information

Client Sample ID: B-17-8'-10'

York Sample ID: 16F1183-27

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 11:05 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.12	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.12	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
62-53-3	Aniline	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
120-12-7	Anthracene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH



Sample Information

Client Sample ID: B-17-8'-10'

York Sample ID: 16F1183-27

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 11:05 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
86-74-8	Carbazole	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
218-01-9	Chrysene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
86-73-7	Fluorene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
78-59-1	Isophorone	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
108-95-2	Phenol	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
129-00-0	Pyrene	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
110-86-1	Pyridine	ND		mg/kg dry	0.558	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:04	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	55.7 %			30-130					
4165-62-2	Surrogate: Phenol-d5	66.5 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	60.9 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	60.3 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	57.4 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	54.6 %			30-130					



Sample Information

Client Sample ID: B-17-8'-10'

York Sample ID: 16F1183-27

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 11:05 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00279	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00279	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00279	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00279	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00279	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00279	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00279	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0111	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00279	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00279	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00279	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00279	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00279	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00279	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00279	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00279	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00279	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00279	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00279	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00279	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.140	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:19	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	140 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	98.2 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0279	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:31	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0279	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:31	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0279	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:31	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0279	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:31	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0279	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:31	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0279	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:31	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0279	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:31	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0279	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:31	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0279	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:31	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0279	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:31	AMC



Sample Information

Client Sample ID: B-17-8'-10' **York Sample ID:** 16F1183-27
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 11:05 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	120 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	107 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	11.2	1	CT DEP ETPH	07/06/2016 07:15	07/07/2016 23:46	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	110 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	7.11		mg/kg dry	1.12	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:13	KV
7440-39-3	Barium	50.8		mg/kg dry	1.12	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:13	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.335	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:13	KV
7440-47-3	Chromium	15.2		mg/kg dry	0.558	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:13	KV
7439-92-1	Lead	3.41		mg/kg dry	0.335	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:13	KV
7782-49-2	Selenium	2.24		mg/kg dry	1.12	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:13	KV
7440-22-4	Silver	ND		mg/kg dry	0.558	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:13	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:43	KV
7440-39-3	Barium	0.360		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:43	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:43	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:43	KV
7439-92-1	Lead	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:43	KV
7782-49-2	Selenium	0.012		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:43	KV
				B, M-SeTC						
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:43	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-17-8'-10' **York Sample ID:** 16F1183-27
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 11:05 am **Date Received** 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0335	1	EPA 7473	07/05/2016 06:26	07/05/2016 11:30	ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/07/2016 12:27	07/08/2016 07:12	ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	89.6		%	0.100	1	SM 2540G	07/05/2016 12:20	07/05/2016 15:03	TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/06/2016 19:22	07/07/2016 13:53	TJM

Sample Information

Client Sample ID: B-18-2'-4' **York Sample ID:** 16F1183-28
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 10:50 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS



Sample Information

Client Sample ID: B-18-2'-4'

York Sample ID: 16F1183-28

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 10:50 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.010	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
67-64-1	Acetone	0.020		mg/kg dry	0.010	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
71-43-2	Benzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS



Sample Information

Client Sample ID: B-18-2'-4'

York Sample ID: 16F1183-28

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 10:50 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.010	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.010	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.010	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
100-42-5	Styrene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.010	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
108-88-3	Toluene	0.0099		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0050	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:04	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	83.8 %		70-130						
2037-26-5	Surrogate: Toluene-d8	105 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	90.7 %		70-130						



Sample Information

Client Sample ID: B-18-2'-4'

York Sample ID: 16F1183-28

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 10:50 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.12	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.12	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
62-53-3	Aniline	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
120-12-7	Anthracene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH



Sample Information

Client Sample ID: B-18-2'-4'

York Sample ID: 16F1183-28

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 10:50 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
86-74-8	Carbazole	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
218-01-9	Chrysene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
86-73-7	Fluorene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
78-59-1	Isophorone	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
108-95-2	Phenol	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
129-00-0	Pyrene	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
110-86-1	Pyridine	ND		mg/kg dry	0.562	2	EPA 8270D	07/06/2016 12:46	07/07/2016 18:37	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	64.1 %			30-130					
4165-62-2	Surrogate: Phenol-d5	75.1 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	65.9 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	68.9 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	58.4 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	56.7 %			30-130					



Sample Information

Client Sample ID: B-18-2'-4'

York Sample ID: 16F1183-28

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 10:50 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00281	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00281	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00281	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00281	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00281	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00281	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00281	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0111	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00281	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00281	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00281	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00281	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00281	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00281	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00281	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00281	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00281	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00281	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00281	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00281	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.141	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:12	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	110 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	47.9 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0281	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:53	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0281	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:53	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0281	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:53	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0281	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:53	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0281	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:53	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0281	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:53	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0281	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:53	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0281	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:53	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0281	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:53	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0281	1	EPA 8082A	07/07/2016 07:25	07/08/2016 08:53	AMC



Sample Information

Client Sample ID: B-18-2'-4' **York Sample ID:** 16F1183-28
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 10:50 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	96.5 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	104 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	11.2	1	CT DEP ETPH	07/06/2016 07:15	07/08/2016 00:25	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	102 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	5.95		mg/kg dry	1.12	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:18	KV
7440-39-3	Barium	79.8		mg/kg dry	1.12	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:18	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.337	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:18	KV
7440-47-3	Chromium	22.4		mg/kg dry	0.562	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:18	KV
7439-92-1	Lead	7.60		mg/kg dry	0.337	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:18	KV
7782-49-2	Selenium	3.72		mg/kg dry	1.12	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:18	KV
7440-22-4	Silver	ND		mg/kg dry	0.562	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:18	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:49	KV
7440-39-3	Barium	0.369		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:49	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:49	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:49	KV
7439-92-1	Lead	0.005		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:49	KV
7782-49-2	Selenium	0.017		M-SeTC, mg/L B	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:49	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:49	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-18-2'-4' **York Sample ID:** 16F1183-28
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 10:50 am **Date Received** 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0337	1	EPA 7473	07/05/2016 06:26	07/05/2016 11:39	ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/07/2016 12:27	07/08/2016 07:12	ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	89.0		%	0.100	1	SM 2540G	07/05/2016 12:20	07/05/2016 15:03	TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/06/2016 19:22	07/07/2016 13:53	TJM

Sample Information

Client Sample ID: B-19-2'-4' **York Sample ID:** 16F1183-29
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 10:25 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS



Sample Information

Client Sample ID: B-19-2'-4'

York Sample ID: 16F1183-29

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 10:25 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0090	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
67-64-1	Acetone	0.012		mg/kg dry	0.0090	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
71-43-2	Benzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS



Sample Information

Client Sample ID: B-19-2'-4'

York Sample ID: 16F1183-29

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 10:25 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0090	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0090	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0090	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
100-42-5	Styrene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0090	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
108-88-3	Toluene	0.0050		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 00:35	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	86.5 %		70-130						
2037-26-5	Surrogate: Toluene-d8	107 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	89.9 %		70-130						



Sample Information

Client Sample ID: B-19-2'-4'

York Sample ID: 16F1183-29

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 10:25 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.05	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.05	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
62-53-3	Aniline	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
120-12-7	Anthracene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH



Sample Information

Client Sample ID: B-19-2'-4'

York Sample ID: 16F1183-29

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 10:25 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
86-74-8	Carbazole	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
218-01-9	Chrysene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
86-73-7	Fluorene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
78-59-1	Isophorone	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
108-95-2	Phenol	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
129-00-0	Pyrene	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
110-86-1	Pyridine	ND		mg/kg dry	0.523	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:10	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	56.4 %			30-130					
4165-62-2	Surrogate: Phenol-d5	69.5 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	60.3 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	61.9 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	61.9 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	57.8 %			30-130					



Sample Information

Client Sample ID: B-19-2'-4'

York Sample ID: 16F1183-29

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 10:25 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00261	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00261	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00261	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00261	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00261	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00261	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00261	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0104	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00261	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00261	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00261	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00261	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00261	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00261	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00261	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00261	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00261	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00261	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00261	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00261	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.131	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:34	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	133 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	90.4 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0261	1	EPA 8082A	07/07/2016 07:25	07/08/2016 09:23	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0261	1	EPA 8082A	07/07/2016 07:25	07/08/2016 09:23	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0261	1	EPA 8082A	07/07/2016 07:25	07/08/2016 09:23	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0261	1	EPA 8082A	07/07/2016 07:25	07/08/2016 09:23	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0261	1	EPA 8082A	07/07/2016 07:25	07/08/2016 09:23	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0261	1	EPA 8082A	07/07/2016 07:25	07/08/2016 09:23	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0261	1	EPA 8082A	07/07/2016 07:25	07/08/2016 09:23	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0261	1	EPA 8082A	07/07/2016 07:25	07/08/2016 09:23	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0261	1	EPA 8082A	07/07/2016 07:25	07/08/2016 09:23	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0261	1	EPA 8082A	07/07/2016 07:25	07/08/2016 09:23	AMC



Sample Information

Client Sample ID: B-19-2'-4'

York Sample ID: 16F1183-29

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 10:25 am

Date Received
06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	115 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	104 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	11.8		mg/kg dry	10.5	1	CT DEP ETPH	07/06/2016 07:15	07/08/2016 01:04	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	114 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.98		mg/kg dry	1.05	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:23	KV
7440-39-3	Barium	49.0		mg/kg dry	1.05	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:23	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.314	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:23	KV
7440-47-3	Chromium	12.4		mg/kg dry	0.523	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:23	KV
7439-92-1	Lead	4.54		mg/kg dry	0.314	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:23	KV
7782-49-2	Selenium	1.46		mg/kg dry	1.05	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:23	KV
7440-22-4	Silver	ND		mg/kg dry	0.523	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:23	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:54	KV
7440-39-3	Barium	0.255		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:54	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:54	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:54	KV
7439-92-1	Lead	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:54	KV
7782-49-2	Selenium	0.015		M-SeTC, mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:54	KV
				B						
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:54	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-19-2'-4' York Sample ID: 16F1183-29
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 28, 2016 10:25 am Date Received 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/kg dry 0.0314 1 EPA 7473 07/05/2016 06:26 07/05/2016 11:48 ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/L 0.000200 1 EPA 7473/1311 07/07/2016 12:27 07/08/2016 07:12 ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids % Solids 95.6 % 0.100 1 SM 2540G 07/05/2016 12:20 07/05/2016 15:03 TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction Completed N/A 1.00 1 EPA 1311 07/06/2016 19:22 07/07/2016 13:53 TJM

Sample Information

Client Sample ID: B-19-4'-6' York Sample ID: 16F1183-30
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 28, 2016 10:35 am Date Received 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,1-Dichloropropylene.



Sample Information

Client Sample ID: B-19-4'-6'

York Sample ID: 16F1183-30

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 10:35 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
78-93-3	2-Butanone	0.016		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
67-64-1	Acetone	0.068		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
71-43-2	Benzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS



Sample Information

Client Sample ID: B-19-4'-6'

York Sample ID: 16F1183-30

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 10:35 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
100-42-5	Styrene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
108-88-3	Toluene	0.010		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:06	SS
	Surrogate Recoveries	Result			Acceptance Range					
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	81.6 %			70-130					
2037-26-5	Surrogate: Toluene-d8	105 %			70-130					
460-00-4	Surrogate: p-Bromofluorobenzene	91.5 %			70-130					



Sample Information

Client Sample ID: B-19-4'-6'

York Sample ID: 16F1183-30

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 10:35 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.15	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.15	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
62-53-3	Aniline	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
120-12-7	Anthracene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH



Sample Information

Client Sample ID: B-19-4'-6'

York Sample ID: 16F1183-30

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 10:35 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
86-74-8	Carbazole	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
218-01-9	Chrysene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
86-73-7	Fluorene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
78-59-1	Isophorone	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
108-95-2	Phenol	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
129-00-0	Pyrene	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
110-86-1	Pyridine	ND		mg/kg dry	0.574	2	EPA 8270D	07/06/2016 12:46	07/07/2016 19:42	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	58.1 %			30-130					
4165-62-2	Surrogate: Phenol-d5	70.8 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	62.5 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	65.6 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	67.8 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	60.2 %			30-130					



Sample Information

Client Sample ID: B-19-4'-6'

York Sample ID: 16F1183-30

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 10:35 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00287	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00287	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00287	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00287	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00287	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00287	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00287	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0114	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00287	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00287	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00287	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00287	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00287	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00287	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00287	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00287	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00287	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00287	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00287	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00287	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.144	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:27	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	102 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	47.0 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0287	1	EPA 8082A	07/07/2016 07:25	07/08/2016 09:52	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0287	1	EPA 8082A	07/07/2016 07:25	07/08/2016 09:52	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0287	1	EPA 8082A	07/07/2016 07:25	07/08/2016 09:52	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0287	1	EPA 8082A	07/07/2016 07:25	07/08/2016 09:52	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0287	1	EPA 8082A	07/07/2016 07:25	07/08/2016 09:52	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0287	1	EPA 8082A	07/07/2016 07:25	07/08/2016 09:52	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0287	1	EPA 8082A	07/07/2016 07:25	07/08/2016 09:52	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0287	1	EPA 8082A	07/07/2016 07:25	07/08/2016 09:52	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0287	1	EPA 8082A	07/07/2016 07:25	07/08/2016 09:52	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0287	1	EPA 8082A	07/07/2016 07:25	07/08/2016 09:52	AMC



Sample Information

Client Sample ID: B-19-4'-6' **York Sample ID:** 16F1183-30
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 10:35 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	101 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	106 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	40.3		mg/kg dry	11.5	1	CT DEP ETPH	07/06/2016 07:15	07/08/2016 01:43	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	102 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	6.93		mg/kg dry	1.15	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:28	KV
7440-39-3	Barium	71.0		mg/kg dry	1.15	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:28	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.344	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:28	KV
7440-47-3	Chromium	21.7		mg/kg dry	0.574	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:28	KV
7439-92-1	Lead	25.9		mg/kg dry	0.344	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:28	KV
7782-49-2	Selenium	3.57		mg/kg dry	1.15	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:28	KV
7440-22-4	Silver	ND		mg/kg dry	0.574	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:28	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:59	KV
7440-39-3	Barium	0.386		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:59	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:59	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:59	KV
7439-92-1	Lead	0.013		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:59	KV
7782-49-2	Selenium	0.016		M-SeTC, mg/L B	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:59	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 03:59	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-19-4'-6' **York Sample ID:** 16F1183-30
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 10:35 am **Date Received** 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0669		mg/kg dry	0.0344	1	EPA 7473	07/05/2016 06:26	07/05/2016 11:57	ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/07/2016 12:27	07/08/2016 07:12	ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	87.1		%	0.100	1	SM 2540G	07/05/2016 12:20	07/05/2016 15:03	TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/06/2016 19:22	07/07/2016 13:53	TJM

Sample Information

Client Sample ID: B-19-7'-9' **York Sample ID:** 16F1183-31
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 10:40 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS



Sample Information

Client Sample ID: B-19-7'-9'

York Sample ID: 16F1183-31

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 10:40 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0096	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
67-64-1	Acetone	0.034		mg/kg dry	0.0096	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
71-43-2	Benzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS



Sample Information

Client Sample ID: B-19-7'-9'

York Sample ID: 16F1183-31

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 10:40 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0096	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0096	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0096	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
100-42-5	Styrene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0096	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
108-88-3	Toluene	0.0071		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 01:37	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	82.4 %		70-130						
2037-26-5	Surrogate: Toluene-d8	105 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	87.4 %		70-130						



Sample Information

Client Sample ID: B-19-7'-9'

York Sample ID: 16F1183-31

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 10:40 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.17	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.17	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
62-53-3	Aniline	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
120-12-7	Anthracene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH



Sample Information

Client Sample ID: B-19-7'-9'

York Sample ID: 16F1183-31

York Project (SDG) No.
16F1183

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14EC0037

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Soil

Collection Date/Time
June 28, 2016 10:40 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
86-74-8	Carbazole	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
218-01-9	Chrysene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
86-73-7	Fluorene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
78-59-1	Isophorone	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
108-95-2	Phenol	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
129-00-0	Pyrene	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
110-86-1	Pyridine	ND		mg/kg dry	0.586	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:15	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	61.7 %			30-130					
4165-62-2	Surrogate: Phenol-d5	74.3 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	62.6 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	64.5 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	66.1 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	60.7 %			30-130					



Sample Information

Client Sample ID: B-19-7'-9'

York Sample ID: 16F1183-31

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 10:40 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00293	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00293	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00293	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00293	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00293	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00293	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00293	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0116	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00293	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00293	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00293	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00293	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00293	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00293	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00293	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00293	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00293	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00293	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00293	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00293	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.146	5	EPA 8081B	07/07/2016 07:25	07/07/2016 20:49	AMC
	Surrogate Recoveries	Result			Acceptance Range					
2051-24-3	Surrogate: Decachlorobiphenyl	149 %	GC-Surr		30-140					
877-09-8	Surrogate: Tetrachloro-m-xylene	106 %			30-140					

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0293	1	EPA 8082A	07/07/2016 07:25	07/08/2016 10:21	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0293	1	EPA 8082A	07/07/2016 07:25	07/08/2016 10:21	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0293	1	EPA 8082A	07/07/2016 07:25	07/08/2016 10:21	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0293	1	EPA 8082A	07/07/2016 07:25	07/08/2016 10:21	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0293	1	EPA 8082A	07/07/2016 07:25	07/08/2016 10:21	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0293	1	EPA 8082A	07/07/2016 07:25	07/08/2016 10:21	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0293	1	EPA 8082A	07/07/2016 07:25	07/08/2016 10:21	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0293	1	EPA 8082A	07/07/2016 07:25	07/08/2016 10:21	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0293	1	EPA 8082A	07/07/2016 07:25	07/08/2016 10:21	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0293	1	EPA 8082A	07/07/2016 07:25	07/08/2016 10:21	AMC



Sample Information

Client Sample ID: B-19-7'-9'

York Sample ID: 16F1183-31

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 10:40 am

Date Received
06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	118 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	114 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	11.7	1	CT DEP ETPH	07/06/2016 07:15	07/08/2016 02:22	AMC
Surrogate Recoveries		Result	Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	95.1 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	10.4		mg/kg dry	1.17	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:32	KV
7440-39-3	Barium	98.3		mg/kg dry	1.17	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:32	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.351	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:32	KV
7440-47-3	Chromium	22.0		mg/kg dry	0.586	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:32	KV
7439-92-1	Lead	7.27		mg/kg dry	0.351	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:32	KV
7782-49-2	Selenium	1.93		mg/kg dry	1.17	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:32	KV
7440-22-4	Silver	ND		mg/kg dry	0.586	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:32	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:18	KV
7440-39-3	Barium	0.428		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:18	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:18	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:18	KV
7439-92-1	Lead	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:18	KV
7782-49-2	Selenium	0.017		M-SeTC, mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:18	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:18	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-19-7'-9' York Sample ID: 16F1183-31
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 28, 2016 10:40 am Date Received 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/kg dry 0.0351 1 EPA 7473 07/05/2016 06:26 07/05/2016 12:06 ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/L 0.000200 1 EPA 7473/1311 07/07/2016 12:27 07/08/2016 07:12 ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids % Solids 85.4 % 0.100 1 SM 2540G 07/05/2016 12:21 07/05/2016 15:07 TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction Completed N/A 1.00 1 EPA 1311 07/06/2016 19:22 07/07/2016 13:53 TJM

Sample Information

Client Sample ID: B-20-2'-4' York Sample ID: 16F1183-32
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 27, 2016 11:15 am Date Received 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,1-Dichloropropylene.



Sample Information

Client Sample ID: B-20-2'-4'

York Sample ID: 16F1183-32

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 11:15 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
78-93-3	2-Butanone	0.021		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
67-64-1	Acetone	0.082		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
71-43-2	Benzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
156-59-2	cis-1,2-Dichloroethylene	0.0078		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS



Sample Information

Client Sample ID: B-20-2'-4'

York Sample ID: 16F1183-32

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 11:15 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
100-42-5	Styrene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
108-88-3	Toluene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
79-01-6	Trichloroethylene	0.0067		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:08	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	83.0 %		70-130						
2037-26-5	Surrogate: Toluene-d8	104 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	91.0 %		70-130						



Sample Information

Client Sample ID: B-20-2'-4'

York Sample ID: 16F1183-32

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 11:15 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.09	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.09	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
62-53-3	Aniline	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
120-12-7	Anthracene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH



Sample Information

Client Sample ID: B-20-2'-4'

York Sample ID: 16F1183-32

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 11:15 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
86-74-8	Carbazole	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
218-01-9	Chrysene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
86-73-7	Fluorene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
78-59-1	Isophorone	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
108-95-2	Phenol	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
129-00-0	Pyrene	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
110-86-1	Pyridine	ND		mg/kg dry	0.546	2	EPA 8270D	07/06/2016 12:46	07/07/2016 20:48	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	57.9 %			30-130					
4165-62-2	Surrogate: Phenol-d5	72.1 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	60.6 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	63.4 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	64.1 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	60.4 %			30-130					



Sample Information

Client Sample ID: B-20-2'-4'

York Sample ID: 16F1183-32

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 11:15 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0108	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.137	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:42	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	127 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	112 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0273	1	EPA 8082A	07/07/2016 07:25	07/08/2016 11:20	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0273	1	EPA 8082A	07/07/2016 07:25	07/08/2016 11:20	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0273	1	EPA 8082A	07/07/2016 07:25	07/08/2016 11:20	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0273	1	EPA 8082A	07/07/2016 07:25	07/08/2016 11:20	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0273	1	EPA 8082A	07/07/2016 07:25	07/08/2016 11:20	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0273	1	EPA 8082A	07/07/2016 07:25	07/08/2016 11:20	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0273	1	EPA 8082A	07/07/2016 07:25	07/08/2016 11:20	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0273	1	EPA 8082A	07/07/2016 07:25	07/08/2016 11:20	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0273	1	EPA 8082A	07/07/2016 07:25	07/08/2016 11:20	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0273	1	EPA 8082A	07/07/2016 07:25	07/08/2016 11:20	AMC



Sample Information

Client Sample ID: B-20-2'-4'

York Sample ID: 16F1183-32

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 11:15 am

Date Received
06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	122 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	116 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	12.1		mg/kg dry	10.9	1	CT DEP ETPH	07/06/2016 07:15	07/08/2016 03:01	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	93.2 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	3.82		mg/kg dry	1.09	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:37	KV
7440-39-3	Barium	75.8		mg/kg dry	1.09	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:37	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.328	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:37	KV
7440-47-3	Chromium	16.8		mg/kg dry	0.546	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:37	KV
7439-92-1	Lead	5.06		mg/kg dry	0.328	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:37	KV
7782-49-2	Selenium	2.24		mg/kg dry	1.09	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:37	KV
7440-22-4	Silver	ND		mg/kg dry	0.546	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:37	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:23	KV
7440-39-3	Barium	0.269		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:23	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:23	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:23	KV
7439-92-1	Lead	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:23	KV
7782-49-2	Selenium	0.015		M-SeTC, mg/L B	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:23	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:23	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-20-2'-4' York Sample ID: 16F1183-32
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 27, 2016 11:15 am Date Received 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/kg dry 0.0328 1 EPA 7473 07/05/2016 06:26 07/05/2016 12:14 ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/L 0.000200 1 EPA 7473/1311 07/07/2016 12:27 07/08/2016 07:12 ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids % Solids 91.5 % 0.100 1 SM 2540G 07/05/2016 12:21 07/05/2016 15:07 TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction Completed N/A 1.00 1 EPA 1311 07/06/2016 19:22 07/07/2016 13:53 TJM

Sample Information

Client Sample ID: B-21-2'-4' York Sample ID: 16F1183-33
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 28, 2016 10:05 am Date Received 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,1-Dichloropropylene.



Sample Information

Client Sample ID: B-21-2'-4'

York Sample ID: 16F1183-33

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 10:05 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0096	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
67-64-1	Acetone	0.010		mg/kg dry	0.0096	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
71-43-2	Benzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS



Sample Information

Client Sample ID: B-21-2'-4'

York Sample ID: 16F1183-33

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 10:05 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0096	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0096	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0096	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
100-42-5	Styrene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0096	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
108-88-3	Toluene	0.0075		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0048	1	EPA 8260C	07/06/2016 17:20	07/07/2016 02:38	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	82.4 %		70-130						
2037-26-5	Surrogate: Toluene-d8	104 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	91.0 %		70-130						



Sample Information

Client Sample ID: B-21-2'-4'

York Sample ID: 16F1183-33

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 10:05 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.05	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.05	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
62-53-3	Aniline	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
120-12-7	Anthracene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH



Sample Information

Client Sample ID: B-21-2'-4'

York Sample ID: 16F1183-33

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 10:05 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
86-74-8	Carbazole	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
218-01-9	Chrysene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
86-73-7	Fluorene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
78-59-1	Isophorone	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
108-95-2	Phenol	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
129-00-0	Pyrene	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
110-86-1	Pyridine	ND		mg/kg dry	0.527	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:21	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	59.3 %			30-130					
4165-62-2	Surrogate: Phenol-d5	69.0 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	62.8 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	64.3 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	59.6 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	56.7 %			30-130					



Sample Information

Client Sample ID: B-21-2'-4'

York Sample ID: 16F1183-33

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 10:05 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00264	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00264	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00264	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00264	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00264	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00264	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00264	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0104	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00264	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00264	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00264	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00264	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00264	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00264	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00264	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00264	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00264	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00264	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00264	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00264	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.132	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:05	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	133 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	100 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0264	1	EPA 8082A	07/07/2016 07:25	07/08/2016 10:51	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0264	1	EPA 8082A	07/07/2016 07:25	07/08/2016 10:51	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0264	1	EPA 8082A	07/07/2016 07:25	07/08/2016 10:51	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0264	1	EPA 8082A	07/07/2016 07:25	07/08/2016 10:51	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0264	1	EPA 8082A	07/07/2016 07:25	07/08/2016 10:51	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0264	1	EPA 8082A	07/07/2016 07:25	07/08/2016 10:51	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0264	1	EPA 8082A	07/07/2016 07:25	07/08/2016 10:51	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0264	1	EPA 8082A	07/07/2016 07:25	07/08/2016 10:51	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0264	1	EPA 8082A	07/07/2016 07:25	07/08/2016 10:51	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0264	1	EPA 8082A	07/07/2016 07:25	07/08/2016 10:51	AMC



Sample Information

Client Sample ID: B-21-2'-4' **York Sample ID:** 16F1183-33
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 10:05 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	121 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	116 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	10.5	1	CT DEP ETPH	07/06/2016 07:15	07/08/2016 03:40	AMC
Surrogate Recoveries		Result	Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	106 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	5.58		mg/kg dry	1.05	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:42	KV
7440-39-3	Barium	42.8		mg/kg dry	1.05	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:42	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.316	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:42	KV
7440-47-3	Chromium	14.3		mg/kg dry	0.527	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:42	KV
7439-92-1	Lead	6.15		mg/kg dry	0.316	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:42	KV
7782-49-2	Selenium	2.72		mg/kg dry	1.05	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:42	KV
7440-22-4	Silver	ND		mg/kg dry	0.527	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:42	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:28	KV
7440-39-3	Barium	0.221		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:28	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:28	KV
7440-47-3	Chromium	0.007		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:28	KV
7439-92-1	Lead	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:28	KV
7782-49-2	Selenium	0.014		M-SeTC, mg/L B	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:28	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:28	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-21-2'-4' **York Sample ID:** 16F1183-33

York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 10:05 am **Date Received** 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0316	1	EPA 7473	07/05/2016 06:26	07/05/2016 12:23	ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/07/2016 12:27	07/08/2016 07:12	ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	94.9		%	0.100	1	SM 2540G	07/05/2016 12:21	07/05/2016 15:07	TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/06/2016 19:22	07/07/2016 13:53	TJM

Sample Information

Client Sample ID: B-21-6'-8' **York Sample ID:** 16F1183-34

York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 10:10 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS



Sample Information

Client Sample ID: B-21-6'-8'

York Sample ID: 16F1183-34

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 10:10 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0093	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
67-64-1	Acetone	0.011		mg/kg dry	0.0093	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
71-43-2	Benzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS



Sample Information

Client Sample ID: B-21-6'-8'

York Sample ID: 16F1183-34

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 10:10 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0093	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0093	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0093	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
100-42-5	Styrene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0093	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
108-88-3	Toluene	0.0077		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0047	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:09	SS
	Surrogate Recoveries	Result			Acceptance Range					
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	81.6 %			70-130					
2037-26-5	Surrogate: Toluene-d8	104 %			70-130					
460-00-4	Surrogate: p-Bromofluorobenzene	92.4 %			70-130					



Sample Information

Client Sample ID: B-21-6'-8'

York Sample ID: 16F1183-34

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 10:10 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.09	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.09	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
62-53-3	Aniline	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
120-12-7	Anthracene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH



Sample Information

Client Sample ID: B-21-6'-8'

York Sample ID: 16F1183-34

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 10:10 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
86-74-8	Carbazole	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
218-01-9	Chrysene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
86-73-7	Fluorene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
78-59-1	Isophorone	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
108-95-2	Phenol	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
129-00-0	Pyrene	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
110-86-1	Pyridine	ND		mg/kg dry	0.547	2	EPA 8270D	07/06/2016 12:46	07/07/2016 21:53	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	58.1 %			30-130					
4165-62-2	Surrogate: Phenol-d5	70.5 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	60.4 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	62.5 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	58.6 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	56.7 %			30-130					



Sample Information

Client Sample ID: B-21-6'-8'

York Sample ID: 16F1183-34

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 10:10 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0108	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00273	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.137	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:20	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	118 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	94.2 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0273	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:08	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0273	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:08	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0273	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:08	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0273	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:08	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0273	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:08	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0273	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:08	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0273	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:08	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0273	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:08	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0273	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:08	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0273	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:08	AMC



Sample Information

Client Sample ID: B-21-6'-8'	York Sample ID: 16F1183-34			
<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 10:10 am	<u>Date Received</u> 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	102 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	97.5 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	10.9	1	CT DEP ETPH	07/07/2016 10:07	07/08/2016 07:33	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	53.6 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	5.65		mg/kg dry	1.09	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:59	KV
7440-39-3	Barium	76.4		mg/kg dry	1.09	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:59	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.328	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:59	KV
7440-47-3	Chromium	23.2		mg/kg dry	0.547	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:59	KV
7439-92-1	Lead	13.8		mg/kg dry	0.328	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:59	KV
7782-49-2	Selenium	3.00		mg/kg dry	1.09	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:59	KV
7440-22-4	Silver	ND		mg/kg dry	0.547	1	EPA 6010C	07/05/2016 07:40	07/06/2016 00:59	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:33	KV
7440-39-3	Barium	0.243		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:33	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:33	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:33	KV
7439-92-1	Lead	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:33	KV
7782-49-2	Selenium	0.012		M-SeTC, mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:33	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:33	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-21-6'-8' **York Sample ID:** 16F1183-34
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 10:10 am **Date Received** 06/30/2016

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0328	1	EPA 7473	07/05/2016 06:26	07/05/2016 12:32	ALD

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/07/2016 12:27	07/08/2016 07:12	ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	91.4		%	0.100	1	SM 2540G	07/05/2016 12:21	07/05/2016 15:07	TJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/06/2016 19:22	07/07/2016 13:53	TJM

Sample Information

Client Sample ID: B-22-2'-4' **York Sample ID:** 16F1183-35
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 11:30 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS



Sample Information

Client Sample ID: B-22-2'-4'

York Sample ID: 16F1183-35

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 11:30 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
67-64-1	Acetone	0.014		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
71-43-2	Benzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS



Sample Information

<u>Client Sample ID:</u> B-22-2'-4'		<u>York Sample ID:</u> 16F1183-35	
<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 11:30 am
		<u>Date Received</u> 06/30/2016	

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
100-42-5	Styrene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
108-88-3	Toluene	0.0095		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 03:40	SS
	Surrogate Recoveries	Result			Acceptance Range					
17060-07-0	<i>Surrogate: 1,2-Dichloroethane-d4</i>	82.8 %			70-130					
2037-26-5	<i>Surrogate: Toluene-d8</i>	105 %			70-130					
460-00-4	<i>Surrogate: p-Bromofluorobenzene</i>	89.2 %			70-130					



Sample Information

Client Sample ID: B-22-2'-4'

York Sample ID: 16F1183-35

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 11:30 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.04	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.04	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
62-53-3	Aniline	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
120-12-7	Anthracene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH



Sample Information

Client Sample ID: B-22-2'-4'

York Sample ID: 16F1183-35

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 11:30 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
86-74-8	Carbazole	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
218-01-9	Chrysene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
86-73-7	Fluorene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
78-59-1	Isophorone	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
108-95-2	Phenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
129-00-0	Pyrene	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
110-86-1	Pyridine	ND		mg/kg dry	0.518	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:26	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	62.9 %			30-130					
4165-62-2	Surrogate: Phenol-d5	77.7 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	63.4 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	67.2 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	70.6 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	65.4 %			30-130					



Sample Information

Client Sample ID: B-22-2'-4'

York Sample ID: 16F1183-35

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 11:30 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0102	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.129	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:35	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	128 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	97.7 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0259	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:27	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0259	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:27	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0259	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:27	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0259	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:27	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0259	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:27	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0259	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:27	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0259	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:27	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0259	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:27	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0259	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:27	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0259	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:27	AMC



Sample Information

Client Sample ID: B-22-2'-4'

York Sample ID: 16F1183-35

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 11:30 am

Date Received
06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	105 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	99.5 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	10.4	1	CT DEP ETPH	07/07/2016 10:07	07/08/2016 08:12	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	102 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.85		mg/kg dry	1.04	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:04	KV
7440-39-3	Barium	33.9		mg/kg dry	1.04	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:04	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.311	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:04	KV
7440-47-3	Chromium	10.6		mg/kg dry	0.518	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:04	KV
7439-92-1	Lead	3.26		mg/kg dry	0.311	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:04	KV
7782-49-2	Selenium	1.38		mg/kg dry	1.04	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:04	KV
7440-22-4	Silver	ND		mg/kg dry	0.518	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:04	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:39	KV
7440-39-3	Barium	0.206		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:39	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:39	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:39	KV
7439-92-1	Lead	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:39	KV
7782-49-2	Selenium	ND	M-SeTC	mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:39	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:39	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-22-2'-4'

York Sample ID: 16F1183-35

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 16F1183, 14EC0037, Soil, June 27, 2016 11:30 am, 06/30/2016

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, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: 7439-97-6 Mercury ND mg/kg dry 0.0311 1 EPA 7473 07/05/2016 06:27 07/05/2016 15:40 ALD

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: 7439-97-6 Mercury ND mg/L 0.000200 1 EPA 7473/1311 07/07/2016 12:27 07/08/2016 07:12 ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: solids % Solids 96.6 % 0.100 1 SM 2540G 07/05/2016 12:21 07/05/2016 15:07 TJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction Completed N/A 1.00 1 EPA 1311 07/06/2016 19:22 07/07/2016 13:53 TJM

Sample Information

Client Sample ID: B-22-6'-8'

York Sample ID: 16F1183-36

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 16F1183, 14EC0037, Soil, June 27, 2016 11:40 am, 06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows: 630-20-6 1,1,1,2-Tetrachloroethane ND mg/kg dry 0.0043 1 EPA 8260C 07/06/2016 17:20 07/07/2016 04:11 SS; 71-55-6 1,1,1-Trichloroethane ND mg/kg dry 0.0043 1 EPA 8260C 07/06/2016 17:20 07/07/2016 04:11 SS; 79-34-5 1,1,2,2-Tetrachloroethane ND mg/kg dry 0.0043 1 EPA 8260C 07/06/2016 17:20 07/07/2016 04:11 SS; 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) ND mg/kg dry 0.0043 1 EPA 8260C 07/06/2016 17:20 07/07/2016 04:11 SS; 79-00-5 1,1,2-Trichloroethane ND mg/kg dry 0.0043 1 EPA 8260C 07/06/2016 17:20 07/07/2016 04:11 SS; 75-34-3 1,1-Dichloroethane ND mg/kg dry 0.0043 1 EPA 8260C 07/06/2016 17:20 07/07/2016 04:11 SS; 75-35-4 1,1-Dichloroethylene ND mg/kg dry 0.0043 1 EPA 8260C 07/06/2016 17:20 07/07/2016 04:11 SS; 563-58-6 1,1-Dichloropropylene ND mg/kg dry 0.0043 1 EPA 8260C 07/06/2016 17:20 07/07/2016 04:11 SS



Sample Information

Client Sample ID: B-22-6'-8'

York Sample ID: 16F1183-36

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 11:40 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0087	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
67-64-1	Acetone	ND		mg/kg dry	0.0087	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
71-43-2	Benzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS



Sample Information

Client Sample ID: B-22-6'-8'

York Sample ID: 16F1183-36

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 11:40 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0087	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0087	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0087	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
100-42-5	Styrene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0087	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
108-88-3	Toluene	0.0071		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0043	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:11	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	82.0 %		70-130						
2037-26-5	Surrogate: Toluene-d8	103 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	89.5 %		70-130						



Sample Information

Client Sample ID: B-22-6'-8'

York Sample ID: 16F1183-36

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 11:40 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.08	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.08	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
62-53-3	Aniline	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
120-12-7	Anthracene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH



Sample Information

Client Sample ID: B-22-6'-8'

York Sample ID: 16F1183-36

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 11:40 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
86-74-8	Carbazole	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
218-01-9	Chrysene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
86-73-7	Fluorene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
78-59-1	Isophorone	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
108-95-2	Phenol	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
129-00-0	Pyrene	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
110-86-1	Pyridine	ND		mg/kg dry	0.539	2	EPA 8270D	07/06/2016 12:46	07/07/2016 22:58	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	66.2 %			30-130					
4165-62-2	Surrogate: Phenol-d5	81.8 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	64.3 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	72.6 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	74.7 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	67.5 %			30-130					



Sample Information

Client Sample ID: B-22-6'-8'

York Sample ID: 16F1183-36

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 11:40 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0107	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.135	5	EPA 8081B	07/07/2016 07:25	07/07/2016 21:50	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	119 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	85.7 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0270	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:47	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0270	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:47	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0270	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:47	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0270	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:47	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0270	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:47	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0270	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:47	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0270	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:47	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0270	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:47	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0270	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:47	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0270	1	EPA 8082A	07/07/2016 07:25	07/07/2016 19:47	AMC



Sample Information

Client Sample ID: B-22-6'-8' **York Sample ID:** 16F1183-36
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 11:40 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	104 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	102 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	11.1		mg/kg dry	10.8	1	CT DEP ETPH	07/07/2016 10:07	07/08/2016 08:51	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	102 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.22		mg/kg dry	1.08	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:08	KV
7440-39-3	Barium	18.3		mg/kg dry	1.08	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:08	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.324	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:08	KV
7440-47-3	Chromium	4.48		mg/kg dry	0.539	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:08	KV
7439-92-1	Lead	4.63		mg/kg dry	0.324	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:08	KV
7782-49-2	Selenium	2.65		mg/kg dry	1.08	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:08	KV
7440-22-4	Silver	ND		mg/kg dry	0.539	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:08	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:44	KV
7440-39-3	Barium	0.135		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:44	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:44	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:44	KV
7439-92-1	Lead	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:44	KV
7782-49-2	Selenium	0.012		M-SeTC, mg/L B	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:44	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:44	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-22-6'-8' **York Sample ID:** 16F1183-36
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 11:40 am **Date Received** 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0324	1	EPA 7473	07/05/2016 06:27	07/05/2016 15:46	ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/07/2016 12:27	07/08/2016 07:12	ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	92.7		%	0.100	1	SM 2540G	07/05/2016 12:21	07/05/2016 15:07	TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/06/2016 19:22	07/07/2016 13:53	TJM

Sample Information

Client Sample ID: B-23-2'-4' **York Sample ID:** 16F1183-37
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 9:50 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS



Sample Information

Client Sample ID: B-23-2'-4'

York Sample ID: 16F1183-37

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 28, 2016 9:50 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0075	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
67-64-1	Acetone	ND		mg/kg dry	0.0075	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
71-43-2	Benzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS



Sample Information

Client Sample ID: B-23-2'-4'

York Sample ID: 16F1183-37

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 9:50 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0075	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0075	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0075	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
100-42-5	Styrene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0075	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
108-88-3	Toluene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0038	1	EPA 8260C	07/06/2016 17:20	07/07/2016 04:42	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	78.4 %		70-130						
2037-26-5	Surrogate: Toluene-d8	105 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	88.4 %		70-130						



Sample Information

Client Sample ID: B-23-2'-4'

York Sample ID: 16F1183-37

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 9:50 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.04	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.04	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
62-53-3	Aniline	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
120-12-7	Anthracene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH



Sample Information

Client Sample ID: B-23-2'-4'

York Sample ID: 16F1183-37

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 9:50 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
86-74-8	Carbazole	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
218-01-9	Chrysene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
86-73-7	Fluorene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
78-59-1	Isophorone	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
108-95-2	Phenol	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
129-00-0	Pyrene	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
110-86-1	Pyridine	ND		mg/kg dry	0.520	2	EPA 8270D	07/06/2016 12:46	07/07/2016 23:31	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	59.8 %			30-130					
4165-62-2	Surrogate: Phenol-d5	72.8 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	60.7 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	63.5 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	65.6 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	61.0 %			30-130					



Sample Information

Client Sample ID: B-23-2'-4'

York Sample ID: 16F1183-37

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 28, 2016 9:50 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0103	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.130	5	EPA 8081B	07/07/2016 07:25	07/07/2016 22:05	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	120 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	95.1 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0260	1	EPA 8082A	07/07/2016 07:25	07/07/2016 20:06	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0260	1	EPA 8082A	07/07/2016 07:25	07/07/2016 20:06	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0260	1	EPA 8082A	07/07/2016 07:25	07/07/2016 20:06	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0260	1	EPA 8082A	07/07/2016 07:25	07/07/2016 20:06	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0260	1	EPA 8082A	07/07/2016 07:25	07/07/2016 20:06	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0260	1	EPA 8082A	07/07/2016 07:25	07/07/2016 20:06	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0260	1	EPA 8082A	07/07/2016 07:25	07/07/2016 20:06	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0260	1	EPA 8082A	07/07/2016 07:25	07/07/2016 20:06	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0260	1	EPA 8082A	07/07/2016 07:25	07/07/2016 20:06	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0260	1	EPA 8082A	07/07/2016 07:25	07/07/2016 20:06	AMC



Sample Information

Client Sample ID: B-23-2'-4' **York Sample ID:** 16F1183-37
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 28, 2016 9:50 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	107 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	104 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	10.4	1	CT DEP ETPH	07/07/2016 10:07	07/08/2016 09:30	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	73.7 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	6.66		mg/kg dry	1.04	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:13	KV
7440-39-3	Barium	47.1		mg/kg dry	1.04	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:13	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.312	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:13	KV
7440-47-3	Chromium	16.1		mg/kg dry	0.520	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:13	KV
7439-92-1	Lead	11.7		mg/kg dry	0.312	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:13	KV
7782-49-2	Selenium	1.94		mg/kg dry	1.04	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:13	KV
7440-22-4	Silver	ND		mg/kg dry	0.520	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:13	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:49	KV
7440-39-3	Barium	0.130		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:49	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:49	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:49	KV
7439-92-1	Lead	0.004		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:49	KV
7782-49-2	Selenium	0.013		M-SeTC, mg/L B	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:49	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:49	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-23-2'-4' York Sample ID: 16F1183-37
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 28, 2016 9:50 am Date Received 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6, Mercury, ND, mg/kg dry, 0.0312, 1, EPA 7473, 07/05/2016 06:27, 07/05/2016 15:55, ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6, Mercury, ND, mg/L, 0.000200, 1, EPA 7473/1311, 07/07/2016 12:27, 07/08/2016 07:12, ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, % Solids, 96.2, %, 0.100, 1, SM 2540G, 07/05/2016 12:21, 07/05/2016 15:07, TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/06/2016 19:22, 07/07/2016 13:53, TJM

Sample Information

Client Sample ID: B-24-2'-4' York Sample ID: 16F1183-38
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 27, 2016 12:15 pm Date Received 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,1-Dichloropropylene



Sample Information

Client Sample ID: B-24-2'-4'

York Sample ID: 16F1183-38

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 12:15 pm

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0083	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
67-64-1	Acetone	0.0087		mg/kg dry	0.0083	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
71-43-2	Benzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS



Sample Information

Client Sample ID: B-24-2'-4'

York Sample ID: 16F1183-38

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 12:15 pm	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0083	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0083	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0083	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
100-42-5	Styrene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0083	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
108-88-3	Toluene	0.0057		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0042	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:12	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	85.3 %		70-130						
2037-26-5	Surrogate: Toluene-d8	106 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	93.0 %		70-130						



Sample Information

Client Sample ID: B-24-2'-4'

York Sample ID: 16F1183-38

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 12:15 pm

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.04	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.04	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
62-53-3	Aniline	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
120-12-7	Anthracene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH



Sample Information

Client Sample ID: B-24-2'-4'

York Sample ID: 16F1183-38

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 12:15 pm	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
86-74-8	Carbazole	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
218-01-9	Chrysene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
86-73-7	Fluorene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
78-59-1	Isophorone	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
108-95-2	Phenol	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
129-00-0	Pyrene	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
110-86-1	Pyridine	ND		mg/kg dry	0.521	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:03	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	65.3 %			30-130					
4165-62-2	Surrogate: Phenol-d5	77.0 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	65.1 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	72.3 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	65.7 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	60.0 %			30-130					



Sample Information

Client Sample ID: B-24-2'-4'

York Sample ID: 16F1183-38

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 12:15 pm	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0103	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00260	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.130	5	EPA 8081B	07/07/2016 07:25	07/08/2016 12:57	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	77.1 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	36.5 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0260	1	EPA 8082A	07/07/2016 07:25	07/08/2016 11:49	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0260	1	EPA 8082A	07/07/2016 07:25	07/08/2016 11:49	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0260	1	EPA 8082A	07/07/2016 07:25	07/08/2016 11:49	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0260	1	EPA 8082A	07/07/2016 07:25	07/08/2016 11:49	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0260	1	EPA 8082A	07/07/2016 07:25	07/08/2016 11:49	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0260	1	EPA 8082A	07/07/2016 07:25	07/08/2016 11:49	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0260	1	EPA 8082A	07/07/2016 07:25	07/08/2016 11:49	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0260	1	EPA 8082A	07/07/2016 07:25	07/08/2016 11:49	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0260	1	EPA 8082A	07/07/2016 07:25	07/08/2016 11:49	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0260	1	EPA 8082A	07/07/2016 07:25	07/08/2016 11:49	AMC



Sample Information

Client Sample ID: B-24-2'-4' **York Sample ID:** 16F1183-38
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 12:15 pm **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	103 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	106 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	10.4	1	CT DEP ETPH	07/07/2016 10:07	07/08/2016 10:09	AMC
Surrogate Recoveries		Result	Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	125 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	1.92		mg/kg dry	1.04	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:18	KV
7440-39-3	Barium	15.4		mg/kg dry	1.04	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:18	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.313	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:18	KV
7440-47-3	Chromium	2.90		mg/kg dry	0.521	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:18	KV
7439-92-1	Lead	6.41		mg/kg dry	0.313	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:18	KV
7782-49-2	Selenium	1.70		mg/kg dry	1.04	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:18	KV
7440-22-4	Silver	ND		mg/kg dry	0.521	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:18	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:54	KV
7440-39-3	Barium	0.230		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:54	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:54	KV
7440-47-3	Chromium	0.010		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:54	KV
7439-92-1	Lead	0.045		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:54	KV
7782-49-2	Selenium	0.012		M-SeTC, mg/L B	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:54	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 04:54	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-24-2'-4'

York Sample ID: 16F1183-38

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 16F1183, 14EC0037, Soil, June 27, 2016 12:15 pm, 06/30/2016

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, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: 7439-97-6 Mercury ND mg/kg dry 0.0313 1 EPA 7473 07/05/2016 06:27 07/05/2016 16:04 ALD

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: 7439-97-6 Mercury ND mg/L 0.000200 1 EPA 7473/1311 07/07/2016 12:27 07/08/2016 07:12 ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: solids % Solids 96.0 % 0.100 1 SM 2540G 07/05/2016 12:21 07/05/2016 15:07 TJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction Completed N/A 1.00 1 EPA 1311 07/06/2016 19:22 07/07/2016 13:53 TJM

Sample Information

Client Sample ID: B-25-2'-4'

York Sample ID: 16F1183-39

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 16F1183, 14EC0037, Soil, June 27, 2016 12:35 pm, 06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Multiple rows for various organics like Tetrachloroethane, Trichloroethane, etc.



Sample Information

Client Sample ID: B-25-2'-4'

York Sample ID: 16F1183-39

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 12:35 pm

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
67-64-1	Acetone	ND		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
71-43-2	Benzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS



Sample Information

Client Sample ID: B-25-2'-4'

York Sample ID: 16F1183-39

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 12:35 pm	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
100-42-5	Styrene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0091	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
108-88-3	Toluene	0.0079		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0045	1	EPA 8260C	07/06/2016 17:20	07/07/2016 05:43	SS
	Surrogate Recoveries	Result		Acceptance Range						
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	83.4 %		70-130						
2037-26-5	Surrogate: Toluene-d8	105 %		70-130						
460-00-4	Surrogate: p-Bromofluorobenzene	89.1 %		70-130						



Sample Information

Client Sample ID: B-25-2'-4'

York Sample ID: 16F1183-39

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 12:35 pm

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.06	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.06	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
62-53-3	Aniline	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
120-12-7	Anthracene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH



Sample Information

Client Sample ID: B-25-2'-4'		York Sample ID: 16F1183-39	
<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 12:35 pm
		<u>Date Received</u> 06/30/2016	

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
86-74-8	Carbazole	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
218-01-9	Chrysene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
86-73-7	Fluorene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
78-59-1	Isophorone	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
108-95-2	Phenol	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
129-00-0	Pyrene	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
110-86-1	Pyridine	ND		mg/kg dry	0.531	2	EPA 8270D	07/06/2016 12:46	07/08/2016 00:35	KH
Surrogate Recoveries		Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	62.9 %			30-130					
4165-62-2	Surrogate: Phenol-d5	75.7 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	63.7 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	66.2 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	61.6 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	57.2 %			30-130					



Sample Information

Client Sample ID: B-25-2'-4'

York Sample ID: 16F1183-39

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 12:35 pm	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00265	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00265	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00265	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00265	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00265	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00265	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00265	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0105	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00265	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00265	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00265	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00265	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00265	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00265	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00265	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00265	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00265	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00265	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00265	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00265	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.133	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:12	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	123 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	90.0 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0265	1	EPA 8082A	07/07/2016 07:25	07/08/2016 12:19	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0265	1	EPA 8082A	07/07/2016 07:25	07/08/2016 12:19	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0265	1	EPA 8082A	07/07/2016 07:25	07/08/2016 12:19	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0265	1	EPA 8082A	07/07/2016 07:25	07/08/2016 12:19	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0265	1	EPA 8082A	07/07/2016 07:25	07/08/2016 12:19	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0265	1	EPA 8082A	07/07/2016 07:25	07/08/2016 12:19	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0265	1	EPA 8082A	07/07/2016 07:25	07/08/2016 12:19	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0265	1	EPA 8082A	07/07/2016 07:25	07/08/2016 12:19	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0265	1	EPA 8082A	07/07/2016 07:25	07/08/2016 12:19	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0265	1	EPA 8082A	07/07/2016 07:25	07/08/2016 12:19	AMC



Sample Information

Client Sample ID: B-25-2'-4' **York Sample ID:** 16F1183-39
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 12:35 pm **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	118 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	107 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	ND		mg/kg dry	10.6	1	CT DEP ETPH	07/07/2016 10:07	07/08/2016 10:48	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	150 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	1.93		mg/kg dry	1.06	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:23	KV
7440-39-3	Barium	40.7		mg/kg dry	1.06	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:23	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.319	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:23	KV
7440-47-3	Chromium	14.0		mg/kg dry	0.531	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:23	KV
7439-92-1	Lead	2.67		mg/kg dry	0.319	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:23	KV
7782-49-2	Selenium	2.45		mg/kg dry	1.06	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:23	KV
7440-22-4	Silver	ND		mg/kg dry	0.531	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:23	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:00	KV
7440-39-3	Barium	0.175		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:00	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:00	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:00	KV
7439-92-1	Lead	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:00	KV
7782-49-2	Selenium	0.013		M-SeTC, mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:00	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:00	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-25-2'-4' York Sample ID: 16F1183-39
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 27, 2016 12:35 pm Date Received 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6, Mercury, ND, mg/kg dry, 0.0319, 1, EPA 7473, 07/05/2016 06:27, 07/05/2016 16:13, ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6, Mercury, ND, mg/L, 0.000200, 1, EPA 7473/1311, 07/08/2016 06:20, 07/08/2016 10:40, ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, % Solids, 94.2, %, 0.100, 1, SM 2540G, 07/05/2016 12:21, 07/05/2016 15:07, TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction, Completed, N/A, 1.00, 1, EPA 1311, 07/06/2016 19:22, 07/07/2016 13:53, TJM

Sample Information

Client Sample ID: B-26-1'-3' York Sample ID: 16F1183-40
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 27, 2016 1:00 am Date Received 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113), 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,1-Dichloropropylene.



Sample Information

Client Sample ID: B-26-1'-3'

York Sample ID: 16F1183-40

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 1:00 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.011	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
67-64-1	Acetone	ND		mg/kg dry	0.011	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
71-43-2	Benzene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS



Sample Information

Client Sample ID: B-26-1'-3'

York Sample ID: 16F1183-40

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 1:00 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.011	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.011	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.011	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
100-42-5	Styrene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.011	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
108-88-3	Toluene	0.0057		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0054	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:13	SS
	Surrogate Recoveries	Result			Acceptance Range					
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	83.0 %			70-130					
2037-26-5	Surrogate: Toluene-d8	116 %			70-130					
460-00-4	Surrogate: p-Bromofluorobenzene	106 %			70-130					



Sample Information

Client Sample ID: B-26-1'-3'

York Sample ID: 16F1183-40

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 1:00 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.05	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.05	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
62-53-3	Aniline	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
120-12-7	Anthracene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH



Sample Information

Client Sample ID: B-26-1'-3'

York Sample ID: 16F1183-40

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 1:00 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	160		mg/kg dry	26.3	100	EPA 8270D	07/06/2016 12:46	07/08/2016 14:46	KH
86-74-8	Carbazole	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
218-01-9	Chrysene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
86-73-7	Fluorene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
78-59-1	Isophorone	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
108-95-2	Phenol	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
129-00-0	Pyrene	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
110-86-1	Pyridine	ND		mg/kg dry	0.526	2	EPA 8270D	07/06/2016 12:46	07/08/2016 01:08	KH
Surrogate Recoveries		Result	Acceptance Range							
367-12-4	Surrogate: 2-Fluorophenol	64.0 %	30-130							
4165-62-2	Surrogate: Phenol-d5	78.4 %	30-130							
4165-60-0	Surrogate: Nitrobenzene-d5	64.7 %	30-130							
321-60-8	Surrogate: 2-Fluorobiphenyl	74.1 %	30-130							
118-79-6	Surrogate: 2,4,6-Tribromophenol	67.4 %	30-130							
1718-51-0	Surrogate: Terphenyl-d14	86.9 %	30-130							



Sample Information

Client Sample ID: B-26-1'-3'

York Sample ID: 16F1183-40

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 1:00 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00263	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00263	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
50-29-3	4,4'-DDT	0.0123		mg/kg dry	0.00263	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00263	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00263	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00263	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00263	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0104	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00263	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00263	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00263	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00263	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00263	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00263	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00263	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00263	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00263	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00263	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00263	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00263	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.132	5	EPA 8081B	07/07/2016 07:25	07/08/2016 13:27	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	80.1 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	38.3 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0263	1	EPA 8082A	07/07/2016 07:25	07/08/2016 12:48	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0263	1	EPA 8082A	07/07/2016 07:25	07/08/2016 12:48	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0263	1	EPA 8082A	07/07/2016 07:25	07/08/2016 12:48	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0263	1	EPA 8082A	07/07/2016 07:25	07/08/2016 12:48	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0263	1	EPA 8082A	07/07/2016 07:25	07/08/2016 12:48	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0263	1	EPA 8082A	07/07/2016 07:25	07/08/2016 12:48	AMC
11096-82-5	Aroclor 1260	0.0845		mg/kg dry	0.0263	1	EPA 8082A	07/07/2016 07:25	07/08/2016 12:48	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0263	1	EPA 8082A	07/07/2016 07:25	07/08/2016 12:48	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0263	1	EPA 8082A	07/07/2016 07:25	07/08/2016 12:48	AMC
1336-36-3	Total PCBs	0.0845		mg/kg dry	0.0263	1	EPA 8082A	07/07/2016 07:25	07/08/2016 12:48	AMC



Sample Information

Client Sample ID: B-26-1'-3' **York Sample ID:** 16F1183-40
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 1:00 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	102 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	90.5 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	112		mg/kg dry	10.5	1	CT DEP ETPH	07/07/2016 10:07	07/08/2016 11:26	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	114 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	5.09		mg/kg dry	1.05	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:27	KV
7440-39-3	Barium	113		mg/kg dry	1.05	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:27	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.316	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:27	KV
7440-47-3	Chromium	31.7		mg/kg dry	0.526	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:27	KV
7439-92-1	Lead	128		mg/kg dry	0.316	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:27	KV
7782-49-2	Selenium	2.22		mg/kg dry	1.05	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:27	KV
7440-22-4	Silver	ND		mg/kg dry	0.526	1	EPA 6010C	07/05/2016 07:40	07/06/2016 01:27	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:05	KV
7440-39-3	Barium	0.511		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:05	KV
7440-43-9	Cadmium	0.005		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:05	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:05	KV
7439-92-1	Lead	0.997		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:05	KV
7782-49-2	Selenium	0.014		M-SeTC, mg/L B	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:05	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:05	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-26-1'-3' **York Sample ID:** 16F1183-40
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 1:00 am **Date Received** 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0316	1	EPA 7473	07/05/2016 06:27	07/05/2016 16:22	ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/08/2016 06:20	07/08/2016 10:40	ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	95.0		%	0.100	1	SM 2540G	07/05/2016 12:21	07/05/2016 15:07	TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/06/2016 19:22	07/07/2016 13:53	TJM

Sample Information

Client Sample ID: B-26-6'-8' **York Sample ID:** 16F1183-41
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 1:10 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS



Sample Information

Client Sample ID: B-26-6'-8'

York Sample ID: 16F1183-41

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 1:10 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0092	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
67-64-1	Acetone	ND		mg/kg dry	0.0092	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
71-43-2	Benzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS



Sample Information

Client Sample ID: B-26-6'-8'

York Sample ID: 16F1183-41

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 1:10 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0092	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0092	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0092	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
100-42-5	Styrene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0092	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
108-88-3	Toluene	0.0092		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0046	1	EPA 8260C	07/06/2016 17:20	07/07/2016 06:44	SS
	Surrogate Recoveries	Result			Acceptance Range					
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	78.7 %			70-130					
2037-26-5	Surrogate: Toluene-d8	106 %			70-130					
460-00-4	Surrogate: p-Bromofluorobenzene	88.1 %			70-130					



Sample Information

Client Sample ID: B-26-6'-8'

York Sample ID: 16F1183-41

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 1:10 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.04	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.04	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
62-53-3	Aniline	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
120-12-7	Anthracene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH



Sample Information

Client Sample ID: B-26-6'-8'

York Sample ID: 16F1183-41

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 1:10 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
86-74-8	Carbazole	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
218-01-9	Chrysene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
86-73-7	Fluorene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
78-59-1	Isophorone	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
108-95-2	Phenol	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
129-00-0	Pyrene	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
110-86-1	Pyridine	ND		mg/kg dry	0.518	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	58.1 %			30-130					
4165-62-2	Surrogate: Phenol-d5	55.5 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	48.9 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	58.9 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	55.4 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	45.8 %			30-130					



Sample Information

Client Sample ID: B-26-6'-8'

York Sample ID: 16F1183-41

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 1:10 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0103	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00259	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.130	5	EPA 8081B	07/07/2016 07:24	07/07/2016 17:49	AMC
	Surrogate Recoveries	Result			Acceptance Range					
2051-24-3	Surrogate: Decachlorobiphenyl	56.4 %			30-140					
877-09-8	Surrogate: Tetrachloro-m-xylene	13.6 %	GC-Surr		30-140					

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0259	1	EPA 8082A	07/07/2016 07:24	07/08/2016 02:39	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0259	1	EPA 8082A	07/07/2016 07:24	07/08/2016 02:39	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0259	1	EPA 8082A	07/07/2016 07:24	07/08/2016 02:39	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0259	1	EPA 8082A	07/07/2016 07:24	07/08/2016 02:39	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0259	1	EPA 8082A	07/07/2016 07:24	07/08/2016 02:39	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0259	1	EPA 8082A	07/07/2016 07:24	07/08/2016 02:39	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0259	1	EPA 8082A	07/07/2016 07:24	07/08/2016 02:39	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0259	1	EPA 8082A	07/07/2016 07:24	07/08/2016 02:39	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0259	1	EPA 8082A	07/07/2016 07:24	07/08/2016 02:39	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0259	1	EPA 8082A	07/07/2016 07:24	07/08/2016 02:39	AMC



Sample Information

Client Sample ID: B-26-6'-8' **York Sample ID:** 16F1183-41
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 1:10 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	20.0 %	GC-Surr		30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	43.0 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	17.7		mg/kg dry	10.4	1	CT DEP ETPH	07/07/2016 10:07	07/08/2016 12:05	AMC
Surrogate Recoveries		Result	Acceptance Range							
3386-33-2	Surrogate: 1-Chlorooctadecane	109 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	7.39		mg/kg dry	1.04	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:02	KV
7440-39-3	Barium	98.8		mg/kg dry	1.04	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:02	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.311	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:02	KV
7440-47-3	Chromium	12.6		mg/kg dry	0.518	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:02	KV
7439-92-1	Lead	6.01		mg/kg dry	0.311	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:02	KV
7782-49-2	Selenium	2.32		mg/kg dry	1.04	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:02	KV
7440-22-4	Silver	ND		mg/kg dry	0.518	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:02	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:23	KV
7440-39-3	Barium	0.412		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:23	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:23	KV
7440-47-3	Chromium	0.006		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:23	KV
7439-92-1	Lead	0.006		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:23	KV
7782-49-2	Selenium	ND	M-SeTC	mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:23	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:23	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-26-6'-8' **York Sample ID:** 16F1183-41
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 1:10 am **Date Received** 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0311	1	EPA 7473	07/05/2016 06:27	07/05/2016 16:31	ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000200	1	EPA 7473/1311	07/08/2016 06:20	07/08/2016 10:40	ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	96.5		%	0.100	1	SM 2540G	07/05/2016 12:21	07/05/2016 15:07	TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1	EPA 1311	07/06/2016 19:22	07/07/2016 13:53	TJM

Sample Information

Client Sample ID: B-27-1'-3' **York Sample ID:** 16F1183-42
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 1:50 am **Date Received** 06/30/2016

Volatile Organics, CT RCP List

Sample Prepared by Method: EPA 5035A

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS



Sample Information

Client Sample ID: B-27-1'-3'

York Sample ID: 16F1183-42

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 1:50 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0088	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
67-64-1	Acetone	0.0094		mg/kg dry	0.0088	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
71-43-2	Benzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS



Sample Information

Client Sample ID: B-27-1'-3'

York Sample ID: 16F1183-42

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 1:50 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0088	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0088	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0088	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
100-42-5	Styrene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0088	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
108-88-3	Toluene	0.0086		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:15	SS
	Surrogate Recoveries	Result			Acceptance Range					
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	79.6 %			70-130					
2037-26-5	Surrogate: Toluene-d8	104 %			70-130					
460-00-4	Surrogate: p-Bromofluorobenzene	88.8 %			70-130					



Sample Information

Client Sample ID: B-27-1'-3'

York Sample ID: 16F1183-42

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 1:50 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.02	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.02	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
62-53-3	Aniline	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
120-12-7	Anthracene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH



Sample Information

Client Sample ID: B-27-1'-3'

York Sample ID: 16F1183-42

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 1:50 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
86-74-8	Carbazole	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
218-01-9	Chrysene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
86-73-7	Fluorene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
78-59-1	Isophorone	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
108-95-2	Phenol	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
129-00-0	Pyrene	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
110-86-1	Pyridine	ND		mg/kg dry	0.510	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:02	KH
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	Surrogate: 2-Fluorophenol	51.9 %			30-130					
4165-62-2	Surrogate: Phenol-d5	60.2 %			30-130					
4165-60-0	Surrogate: Nitrobenzene-d5	54.3 %			30-130					
321-60-8	Surrogate: 2-Fluorobiphenyl	60.4 %			30-130					
118-79-6	Surrogate: 2,4,6-Tribromophenol	48.0 %			30-130					
1718-51-0	Surrogate: Terphenyl-d14	58.8 %			30-130					



Sample Information

Client Sample ID: B-27-1'-3'

York Sample ID: 16F1183-42

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 1:50 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00255	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00255	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00255	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00255	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00255	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00255	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00255	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0101	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00255	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00255	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00255	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00255	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00255	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00255	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00255	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00255	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00255	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00255	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00255	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00255	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.127	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:04	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	96.3 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	68.4 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0255	1	EPA 8082A	07/07/2016 07:24	07/08/2016 03:09	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0255	1	EPA 8082A	07/07/2016 07:24	07/08/2016 03:09	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0255	1	EPA 8082A	07/07/2016 07:24	07/08/2016 03:09	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0255	1	EPA 8082A	07/07/2016 07:24	07/08/2016 03:09	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0255	1	EPA 8082A	07/07/2016 07:24	07/08/2016 03:09	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0255	1	EPA 8082A	07/07/2016 07:24	07/08/2016 03:09	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0255	1	EPA 8082A	07/07/2016 07:24	07/08/2016 03:09	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0255	1	EPA 8082A	07/07/2016 07:24	07/08/2016 03:09	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0255	1	EPA 8082A	07/07/2016 07:24	07/08/2016 03:09	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0255	1	EPA 8082A	07/07/2016 07:24	07/08/2016 03:09	AMC



Sample Information

Client Sample ID: B-27-1'-3'

York Sample ID: 16F1183-42

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 1:50 am	<u>Date Received</u> 06/30/2016
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Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	93.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	75.0 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	14.6		mg/kg dry	10.2	1	CT DEP ETPH	07/07/2016 10:07	07/08/2016 13:24	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	103 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	10.2		mg/kg dry	1.02	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:19	KV
7440-39-3	Barium	26.8		mg/kg dry	1.02	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:19	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.306	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:19	KV
7440-47-3	Chromium	11.2		mg/kg dry	0.510	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:19	KV
7439-92-1	Lead	4.65		mg/kg dry	0.306	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:19	KV
7782-49-2	Selenium	1.44		mg/kg dry	1.02	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:19	KV
7440-22-4	Silver	ND		mg/kg dry	0.510	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:19	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:28	KV
7440-39-3	Barium	0.164		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:28	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:28	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:28	KV
7439-92-1	Lead	0.005		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:28	KV
7782-49-2	Selenium	0.017		M-SeTC, mg/L B	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:28	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:28	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-27-1'-3'

York Sample ID: 16F1183-42

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 16F1183, 14EC0037, Soil, June 27, 2016 1:50 am, 06/30/2016

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, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: 7439-97-6 Mercury ND mg/kg dry 0.0306 1 EPA 7473 07/05/2016 06:27 07/05/2016 16:40 ALD

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: 7439-97-6 Mercury ND mg/L 0.000200 1 EPA 7473/1311 07/08/2016 06:20 07/08/2016 10:40 ALD

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: solids % Solids 98.1 % 0.100 1 SM 2540G 07/05/2016 12:21 07/05/2016 15:07 TJM

TCLP Extraction for METALS EPA 1311

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row: TCLP Extraction Completed N/A 1.00 1 EPA 1311 07/06/2016 19:22 07/07/2016 13:53 TJM

Sample Information

Client Sample ID: B-28-1'-3'

York Sample ID: 16F1183-43

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 16F1183, 14EC0037, Soil, June 27, 2016 1:35 am, 06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows: 630-20-6 1,1,1,2-Tetrachloroethane ND mg/kg dry 0.0044 1 EPA 8260C 07/06/2016 17:20 07/07/2016 07:45 SS; 71-55-6 1,1,1-Trichloroethane ND mg/kg dry 0.0044 1 EPA 8260C 07/06/2016 17:20 07/07/2016 07:45 SS; 79-34-5 1,1,2,2-Tetrachloroethane ND mg/kg dry 0.0044 1 EPA 8260C 07/06/2016 17:20 07/07/2016 07:45 SS; 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) ND mg/kg dry 0.0044 1 EPA 8260C 07/06/2016 17:20 07/07/2016 07:45 SS; 79-00-5 1,1,2-Trichloroethane ND mg/kg dry 0.0044 1 EPA 8260C 07/06/2016 17:20 07/07/2016 07:45 SS; 75-34-3 1,1-Dichloroethane ND mg/kg dry 0.0044 1 EPA 8260C 07/06/2016 17:20 07/07/2016 07:45 SS; 75-35-4 1,1-Dichloroethylene ND mg/kg dry 0.0044 1 EPA 8260C 07/06/2016 17:20 07/07/2016 07:45 SS; 563-58-6 1,1-Dichloropropylene ND mg/kg dry 0.0044 1 EPA 8260C 07/06/2016 17:20 07/07/2016 07:45 SS



Sample Information

Client Sample ID: B-28-1'-3'

York Sample ID: 16F1183-43

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 1:35 am

Date Received
06/30/2016

Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
78-93-3	2-Butanone	ND		mg/kg dry	0.0088	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
591-78-6	2-Hexanone	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
67-64-1	Acetone	ND		mg/kg dry	0.0088	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
71-43-2	Benzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
108-86-1	Bromobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
75-25-2	Bromoform	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
74-83-9	Bromomethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
75-00-3	Chloroethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
67-66-3	Chloroform	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
74-87-3	Chloromethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
74-95-3	Dibromomethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS



Sample Information

Client Sample ID: B-28-1'-3'

York Sample ID: 16F1183-43

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 1:35 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, CT RCP List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
80-62-6	Methyl Methacrylate	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0088	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
91-20-3	Naphthalene	ND		mg/kg dry	0.0088	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
95-47-6	o-Xylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0088	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
100-42-5	Styrene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
109-99-9	Tetrahydrofuran	ND		mg/kg dry	0.0088	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
108-88-3	Toluene	0.0095		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
110-57-6	trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0044	1	EPA 8260C	07/06/2016 17:20	07/07/2016 07:45	SS
	Surrogate Recoveries	Result			Acceptance Range					
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	77.5 %			70-130					
2037-26-5	Surrogate: Toluene-d8	106 %			70-130					
460-00-4	Surrogate: p-Bromofluorobenzene	89.1 %			70-130					



Sample Information

Client Sample ID: B-28-1'-3'

York Sample ID: 16F1183-43

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Soil

Collection Date/Time
June 27, 2016 1:35 am

Date Received
06/30/2016

Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
90-12-0	1-Methylnaphthalene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	1.08	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	1.08	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
62-53-3	Aniline	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
120-12-7	Anthracene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH



Sample Information

Client Sample ID: B-28-1'-3'

York Sample ID: 16F1183-43

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 1:35 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, CT RCP BNA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
86-74-8	Carbazole	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
218-01-9	Chrysene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
86-73-7	Fluorene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
78-59-1	Isophorone	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
82-68-8	Pentachloronitrobenzene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
108-95-2	Phenol	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
129-00-0	Pyrene	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
110-86-1	Pyridine	ND		mg/kg dry	0.540	2	EPA 8270D	07/07/2016 13:59	07/08/2016 12:34	KH
	Surrogate Recoveries	Result		Acceptance Range						
367-12-4	Surrogate: 2-Fluorophenol	54.0 %		30-130						
4165-62-2	Surrogate: Phenol-d5	62.8 %		30-130						
4165-60-0	Surrogate: Nitrobenzene-d5	58.4 %		30-130						
321-60-8	Surrogate: 2-Fluorobiphenyl	62.0 %		30-130						
118-79-6	Surrogate: 2,4,6-Tribromophenol	51.9 %		30-130						
1718-51-0	Surrogate: Terphenyl-d14	60.2 %		30-130						



Sample Information

Client Sample ID: B-28-1'-3'

York Sample ID: 16F1183-43

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Soil	<u>Collection Date/Time</u> June 27, 2016 1:35 am	<u>Date Received</u> 06/30/2016
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Pesticides, CT RCP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
15972-60-8	Alachlor	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.0107	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00270	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.135	5	EPA 8081B	07/07/2016 07:24	07/07/2016 18:19	AMC
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	57.7 %		30-140						
877-09-8	Surrogate: Tetrachloro-m-xylene	38.4 %		30-140						

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0270	1	EPA 8082A	07/07/2016 07:24	07/08/2016 03:38	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0270	1	EPA 8082A	07/07/2016 07:24	07/08/2016 03:38	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0270	1	EPA 8082A	07/07/2016 07:24	07/08/2016 03:38	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0270	1	EPA 8082A	07/07/2016 07:24	07/08/2016 03:38	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0270	1	EPA 8082A	07/07/2016 07:24	07/08/2016 03:38	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0270	1	EPA 8082A	07/07/2016 07:24	07/08/2016 03:38	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0270	1	EPA 8082A	07/07/2016 07:24	07/08/2016 03:38	AMC
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0270	1	EPA 8082A	07/07/2016 07:24	07/08/2016 03:38	AMC
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0270	1	EPA 8082A	07/07/2016 07:24	07/08/2016 03:38	AMC
1336-36-3	Total PCBs	ND		mg/kg dry	0.0270	1	EPA 8082A	07/07/2016 07:24	07/08/2016 03:38	AMC



Sample Information

Client Sample ID: B-28-1'-3' **York Sample ID:** 16F1183-43
York Project (SDG) No. 16F1183 **Client Project ID** 14EC0037 **Matrix** Soil **Collection Date/Time** June 27, 2016 1:35 am **Date Received** 06/30/2016

Polychlorinated Biphenyls(PCB RCP)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	50.0 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	50.0 %			30-140					

Extractable Total Petroleum Hydrocarbons (ETPH)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
CT ETPH	ETPH (Extractable Total Petroleum Hydrocarbons)	23.3		mg/kg dry	10.8	1	CT DEP ETPH	07/07/2016 10:07	07/08/2016 14:03	AMC
Surrogate Recoveries		Result			Acceptance Range					
3386-33-2	Surrogate: 1-Chlorooctadecane	106 %			50-150					

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	7.69		mg/kg dry	1.08	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:23	KV
7440-39-3	Barium	40.1		mg/kg dry	1.08	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:23	KV
7440-43-9	Cadmium	ND		mg/kg dry	0.324	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:23	KV
7440-47-3	Chromium	11.6		mg/kg dry	0.540	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:23	KV
7439-92-1	Lead	17.6		mg/kg dry	0.324	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:23	KV
7782-49-2	Selenium	1.61		mg/kg dry	1.08	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:23	KV
7440-22-4	Silver	ND		mg/kg dry	0.540	1	EPA 6010C	07/05/2016 07:42	07/06/2016 02:23	KV

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:34	KV
7440-39-3	Barium	0.529		mg/L	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:34	KV
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:34	KV
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:34	KV
7439-92-1	Lead	0.155		mg/L	0.003	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:34	KV
7782-49-2	Selenium	0.013		M-SeTC, mg/L B	0.011	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:34	KV
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010C/1311	07/07/2016 12:19	07/08/2016 05:34	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
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Sample Information

Client Sample ID: B-28-1'-3' York Sample ID: 16F1183-43
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Soil Collection Date/Time June 27, 2016 1:35 am Date Received 06/30/2016

Mercury by 7473

Sample Prepared by Method: EPA 7473 soil

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/kg dry 0.0324 1 EPA 7473 07/05/2016 06:27 07/05/2016 16:49 ALD

Mercury TCLP by 7473

Sample Prepared by Method: EPA 7473 water

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 7439-97-6 Mercury ND mg/L 0.000200 1 EPA 7473/1311 07/08/2016 06:20 07/08/2016 10:40 ALD

Total Solids

Sample Prepared by Method: % Solids Prep

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids % Solids 92.6 % 0.100 1 SM 2540G 07/05/2016 12:21 07/05/2016 15:07 TJM

TCLP Extraction for METALS EPA 1311

Sample Prepared by Method: EPA SW 846-1311 TCLP ext. for metals

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: TCLP Extraction Completed N/A 1.00 1 EPA 1311 07/06/2016 19:22 07/07/2016 13:53 TJM

Sample Information

Client Sample ID: TMW-1 York Sample ID: 16F1183-44
York Project (SDG) No. 16F1183 Client Project ID 14EC0037 Matrix Water Collection Date/Time June 28, 2016 8:15 am Date Received 06/30/2016

Volatile Organics, 624 List- Low Level

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, RL, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 71-55-6, 79-34-5, 79-00-5, 75-34-3, 75-35-4, 95-50-1, 107-06-2, 78-87-5, 541-73-1.



Sample Information

Client Sample ID: TMW-1

York Sample ID: 16F1183-44

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Water

Collection Date/Time
June 28, 2016 8:15 am

Date Received
06/30/2016

Volatile Organics, 624 List- Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
110-75-8	2-Chloroethylvinyl ether	ND		ug/L	20	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
107-02-8	Acrolein	ND		ug/L	10	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
107-13-1	Acrylonitrile	ND		ug/L	10	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
71-43-2	Benzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
75-25-2	Bromoform	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
74-83-9	Bromomethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
75-00-3	Chloroethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
67-66-3	Chloroform	1.5		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
74-87-3	Chloromethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
75-09-2	Methylene chloride	ND		ug/L	2.0	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
108-88-3	Toluene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
79-01-6	Trichloroethylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:27	SS
	Surrogate Recoveries	Result			Acceptance Range					
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	105 %			69-130					
2037-26-5	Surrogate: Toluene-d8	97.4 %			81-117					
460-00-4	Surrogate: p-Bromofluorobenzene	102 %			79-122					



Sample Information

Client Sample ID: TMW-1

York Sample ID: 16F1183-44

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Water

Collection Date/Time
June 28, 2016 8:15 am

Date Received
06/30/2016

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
95-57-8	2-Chlorophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
88-75-5	2-Nitrophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
62-53-3	Aniline	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
120-12-7	Anthracene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
92-87-5	Benzidine	ND		ug/L	20.5	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
100-51-6	Benzyl alcohol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
218-01-9	Chrysene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR



Sample Information

Client Sample ID: TMW-1

York Sample ID: 16F1183-44

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 28, 2016 8:15 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
131-11-3	Dimethyl phthalate	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
86-73-7	Fluorene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
78-59-1	Isophorone	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
85-01-8	Phenanthrene	0.103		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
108-95-2	Phenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 12:12	KH
129-00-0	Pyrene	0.0718		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:42	SR
	Surrogate Recoveries	Result			Acceptance Range					
367-12-4	<i>Surrogate: 2-Fluorophenol</i>	12.7 %			10-53					
4165-62-2	<i>Surrogate: Phenol-d5</i>	7.91 %	S-09		10-39					
4165-60-0	<i>Surrogate: Nitrobenzene-d5</i>	48.2 %			10-120					
321-60-8	<i>Surrogate: 2-Fluorobiphenyl</i>	51.2 %			10-108					
118-79-6	<i>Surrogate: 2,4,6-Tribromophenol</i>	72.7 %			10-150					
1718-51-0	<i>Surrogate: Terphenyl-d14</i>	52.9 %			10-143					



Sample Information

Client Sample ID: TMW-1

York Sample ID: 16F1183-44

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 28, 2016 8:15 am	<u>Date Received</u> 06/30/2016
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Pesticides, EPA 608 list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:14	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:14	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:14	AMC
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:14	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:14	AMC
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:14	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:14	AMC
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:14	AMC
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 608	07/05/2016 06:29	07/05/2016 15:14	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:14	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:14	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:14	AMC
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:14	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 608	07/05/2016 06:29	07/05/2016 15:14	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 608	07/05/2016 06:29	07/05/2016 15:14	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:14	AMC
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:14	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:14	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:14	AMC
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 608	07/05/2016 06:29	07/05/2016 15:14	AMC
	Surrogate Recoveries	Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	25.3 %	GC-Surr		30-120					
2051-24-3	Surrogate: Decachlorobiphenyl	55.9 %			30-120					

PCB (Polychlorinated Biphenyls)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 19:21	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 19:21	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 19:21	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 19:21	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 19:21	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 19:21	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 19:21	AMC
1336-36-3	Total PCBs	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 19:21	AMC
	Surrogate Recoveries	Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	33.5 %			30-120					
2051-24-3	Surrogate: Decachlorobiphenyl	57.0 %			30-120					



Sample Information

Client Sample ID: TMW-1

York Sample ID: 16F1183-44

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Water

Collection Date/Time
June 28, 2016 8:15 am

Date Received
06/30/2016

Metals, Full List by 200.8

Sample Prepared by Method: EPA 200.8

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	5.91		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:21	ALD
7440-39-3	Barium	102		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:21	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:21	ALD
7440-47-3	Chromium	20.4		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:21	ALD
7440-50-8	Copper	24.4		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:21	ALD
7439-92-1	Lead	47.4		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:21	ALD
7782-49-2	Selenium	5.24		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:21	ALD
7440-22-4	Silver	ND		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:21	ALD
7440-66-6	Zinc	47.7		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:21	ALD

Metals, Full List by 200.8 Dissolved

Sample Prepared by Method: EPA 200.8

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:06	ALD
7440-39-3	Barium	29.8		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:06	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:06	ALD
7440-47-3	Chromium	4.40		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:06	ALD
7440-50-8	Copper	3.24		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:06	ALD
7439-92-1	Lead	ND		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:06	ALD
7782-49-2	Selenium	4.36		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:06	ALD
7440-22-4	Silver	ND		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:06	ALD
7440-66-6	Zinc	9.49		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:06	ALD

Mercury by EPA 245.1

Sample Prepared by Method: EPA 245.1 Mercury

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.2000	1	EPA 245.1	07/06/2016 12:50	07/06/2016 15:35	AD

Mercury by EPA 245.1, Dissolved

Sample Prepared by Method: EPA 245.1 Mercury

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.2000	1	EPA 245.1	07/06/2016 12:50	07/06/2016 15:35	AD

Total Petroleum Hydrocarbons

Sample Prepared by Method: Analysis Preparation

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons	0.632		mg/L	0.526	1	EPA 1664A	07/07/2016 07:34	07/08/2016 11:15	SC



Sample Information

<u>Client Sample ID:</u> TMW-1			<u>York Sample ID:</u> 16F1183-44
<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 28, 2016 8:15 am
			<u>Date Received</u> 06/30/2016

Sample Information

<u>Client Sample ID:</u> Dup-1			<u>York Sample ID:</u> 16F1183-45
<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 28, 2016 8:15 am
			<u>Date Received</u> 06/30/2016

Volatile Organics, 624 List- Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
110-75-8	2-Chloroethylvinyl ether	ND		ug/L	20	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
107-02-8	Acrolein	ND		ug/L	10	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
107-13-1	Acrylonitrile	ND		ug/L	10	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
71-43-2	Benzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
75-25-2	Bromoform	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
74-83-9	Bromomethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
108-90-7	Chlorobenzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
75-00-3	Chloroethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
67-66-3	Chloroform	1.5		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
74-87-3	Chloromethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
75-09-2	Methylene chloride	ND		ug/L	2.0	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
108-88-3	Toluene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS



Sample Information

Client Sample ID: Dup-1

York Sample ID: 16F1183-45

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Water

Collection Date/Time
June 28, 2016 8:15 am

Date Received
06/30/2016

Volatile Organics, 624 List- Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 12:53	SS
Surrogate Recoveries		Result			Acceptance Range					
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	106 %			69-130					
2037-26-5	Surrogate: Toluene-d8	97.6 %			81-117					
460-00-4	Surrogate: p-Bromofluorobenzene	105 %			79-122					

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
95-57-8	2-Chlorophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
88-75-5	2-Nitrophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
62-53-3	Aniline	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
120-12-7	Anthracene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
92-87-5	Benzidine	ND		ug/L	20.5	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR



Sample Information

Client Sample ID: Dup-1

York Sample ID: 16F1183-45

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 28, 2016 8:15 am	<u>Date Received</u> 06/30/2016
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Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
100-51-6	Benzyl alcohol	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
218-01-9	Chrysene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
84-66-2	Diethyl phthalate	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
131-11-3	Dimethyl phthalate	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
86-73-7	Fluorene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
78-59-1	Isophorone	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
85-01-8	Phenanthrene	0.0821		ug/L	0.0513	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR
108-95-2	Phenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 13:35	07/06/2016 12:48	KH
129-00-0	Pyrene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 13:35	07/06/2016 14:38	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	Surrogate: 2-Fluorophenol	14.3 %	10-53
4165-62-2	Surrogate: Phenol-d5	10.1 %	10-39
4165-60-0	Surrogate: Nitrobenzene-d5	59.9 %	10-120
321-60-8	Surrogate: 2-Fluorobiphenyl	64.1 %	10-108
118-79-6	Surrogate: 2,4,6-Tribromophenol	90.4 %	10-150
1718-51-0	Surrogate: Terphenyl-d14	64.1 %	10-143



Sample Information

Client Sample ID: Dup-1

York Sample ID: 16F1183-45

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 28, 2016 8:15 am	<u>Date Received</u> 06/30/2016
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Pesticides, EPA 608 list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:29	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:29	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:29	AMC
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:29	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:29	AMC
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:29	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:29	AMC
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:29	AMC
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 608	07/05/2016 06:29	07/05/2016 15:29	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:29	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:29	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:29	AMC
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:29	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 608	07/05/2016 06:29	07/05/2016 15:29	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 608	07/05/2016 06:29	07/05/2016 15:29	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:29	AMC
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:29	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:29	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:29	AMC
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 608	07/05/2016 06:29	07/05/2016 15:29	AMC
	Surrogate Recoveries	Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	22.3 %	GC-Surr		30-120					
2051-24-3	Surrogate: Decachlorobiphenyl	47.9 %			30-120					

PCB (Polychlorinated Biphenyls)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 19:40	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 19:40	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 19:40	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 19:40	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 19:40	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 19:40	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 19:40	AMC
1336-36-3	Total PCBs	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 19:40	AMC
	Surrogate Recoveries	Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	33.5 %			30-120					
2051-24-3	Surrogate: Decachlorobiphenyl	49.5 %			30-120					



Sample Information

Client Sample ID: Dup-1

York Sample ID: 16F1183-45

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 28, 2016 8:15 am	<u>Date Received</u> 06/30/2016
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Metals, Full List by 200.8

Sample Prepared by Method: EPA 200.8

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	11.4		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:41	ALD
7440-39-3	Barium	123		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:41	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:41	ALD
7440-47-3	Chromium	27.5		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:41	ALD
7440-50-8	Copper	38.0		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:41	ALD
7439-92-1	Lead	49.3		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:41	ALD
7782-49-2	Selenium	5.69		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:41	ALD
7440-22-4	Silver	ND		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:41	ALD
7440-66-6	Zinc	70.2		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:41	ALD

Metals, Full List by 200.8 Dissolved

Sample Prepared by Method: EPA 200.8

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.47		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:26	ALD
7440-39-3	Barium	32.5		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:26	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:26	ALD
7440-47-3	Chromium	6.02		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:26	ALD
7440-50-8	Copper	4.96		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:26	ALD
7439-92-1	Lead	ND		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:26	ALD
7782-49-2	Selenium	4.47		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:26	ALD
7440-22-4	Silver	ND		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:26	ALD
7440-66-6	Zinc	13.6		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:26	ALD

Mercury by EPA 245.1

Sample Prepared by Method: EPA 245.1 Mercury

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.2000	1	EPA 245.1	07/06/2016 12:50	07/06/2016 15:35	AD

Mercury by EPA 245.1, Dissolved

Sample Prepared by Method: EPA 245.1 Mercury

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.2000	1	EPA 245.1	07/06/2016 12:50	07/06/2016 15:35	AD

Total Petroleum Hydrocarbons

Sample Prepared by Method: Analysis Preparation

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons	1.89		mg/L	0.526	1	EPA 1664A	07/07/2016 07:34	07/08/2016 11:15	SC



Sample Information

Client Sample ID: Dup-1

York Sample ID: 16F1183-45

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 28, 2016 8:15 am	<u>Date Received</u> 06/30/2016
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Sample Information

Client Sample ID: TMW-2

York Sample ID: 16F1183-46

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 28, 2016 11:40 am	<u>Date Received</u> 06/30/2016
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Volatile Organics, 624 List- Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
110-75-8	2-Chloroethylvinyl ether	ND		ug/L	20	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
107-02-8	Acrolein	ND		ug/L	10	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
107-13-1	Acrylonitrile	ND		ug/L	10	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
71-43-2	Benzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
75-25-2	Bromoform	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
74-83-9	Bromomethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
108-90-7	Chlorobenzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
75-00-3	Chloroethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
67-66-3	Chloroform	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
74-87-3	Chloromethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
75-09-2	Methylene chloride	ND		ug/L	2.0	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
108-88-3	Toluene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS



Sample Information

Client Sample ID: TMW-2

York Sample ID: 16F1183-46

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Water

Collection Date/Time
June 28, 2016 11:40 am

Date Received
06/30/2016

Volatil Organic, 624 List- Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:20	SS
Surrogate Recoveries		Result			Acceptance Range					
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	107 %			69-130					
2037-26-5	Surrogate: Toluene-d8	97.6 %			81-117					
460-00-4	Surrogate: p-Bromofluorobenzene	102 %			79-122					

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
120-83-2	2,4-Dichlorophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
105-67-9	2,4-Dimethylphenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
51-28-5	2,4-Dinitrophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
95-57-8	2-Chlorophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
88-75-5	2-Nitrophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
100-02-7	4-Nitrophenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
83-32-9	Acenaphthene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
62-53-3	Aniline	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
120-12-7	Anthracene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
92-87-5	Ben-zidine	ND		ug/L	20.5	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR



Sample Information

Client Sample ID: TMW-2

York Sample ID: 16F1183-46

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Water

Collection Date/Time
June 28, 2016 11:40 am

Date Received
06/30/2016

Semi-Volatiles, EPA 625 List Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
100-51-6	Benzyl alcohol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
218-01-9	Chrysene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
84-66-2	Diethyl phthalate	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
131-11-3	Dimethyl phthalate	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
206-44-0	Fluoranthene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
86-73-7	Fluorene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
78-59-1	Isophorone	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
91-20-3	Naphthalene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR
108-95-2	Phenol	ND		ug/L	5.13	1	EPA 625	07/01/2016 16:21	07/06/2016 13:23	KH
129-00-0	Pyrene	0.133		ug/L	0.0513	1	EPA 625	07/01/2016 16:21	07/06/2016 15:10	SR

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: 2-Fluorophenol	13.0 %		10-53
4165-62-2	Surrogate: Phenol-d5	9.02 %	S-09	10-39
4165-60-0	Surrogate: Nitrobenzene-d5	51.6 %		10-120
321-60-8	Surrogate: 2-Fluorobiphenyl	55.3 %		10-108
118-79-6	Surrogate: 2,4,6-Tribromophenol	81.5 %		10-150
1718-51-0	Surrogate: Terphenyl-d14	58.1 %		10-143



Sample Information

Client Sample ID: TMW-2

York Sample ID: 16F1183-46

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 28, 2016 11:40 am	<u>Date Received</u> 06/30/2016
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Pesticides, EPA 608 list

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:44	AMC
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:44	AMC
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:44	AMC
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:44	AMC
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:44	AMC
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:44	AMC
57-74-9	Chlordane, total	ND		ug/L	0.0421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:44	AMC
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:44	AMC
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 608	07/05/2016 06:29	07/05/2016 15:44	AMC
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:44	AMC
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:44	AMC
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:44	AMC
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:44	AMC
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 608	07/05/2016 06:29	07/05/2016 15:44	AMC
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 608	07/05/2016 06:29	07/05/2016 15:44	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:44	AMC
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:44	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:44	AMC
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 608	07/05/2016 06:29	07/05/2016 15:44	AMC
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 608	07/05/2016 06:29	07/05/2016 15:44	AMC
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	25.1 %	GC-Surr	30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	41.2 %		30-120						

PCB (Polychlorinated Biphenyls)

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 20:00	AMC
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 20:00	AMC
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 20:00	AMC
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 20:00	AMC
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 20:00	AMC
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 20:00	AMC
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 20:00	AMC
1336-36-3	Total PCBs	ND		ug/L	0.0526	1	EPA 608	07/05/2016 06:29	07/05/2016 20:00	AMC
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	26.0 %	GC-Surr	30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	42.0 %		30-120						



Sample Information

Client Sample ID: TMW-2

York Sample ID: 16F1183-46

<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 28, 2016 11:40 am	<u>Date Received</u> 06/30/2016
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Metals, Full List by 200.8

Sample Prepared by Method: EPA 200.8

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	4.27		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:48	ALD
7440-39-3	Barium	371		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:48	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:48	ALD
7440-47-3	Chromium	14.1		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:48	ALD
7440-50-8	Copper	7.38		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:48	ALD
7439-92-1	Lead	2.40		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:48	ALD
7782-49-2	Selenium	8.09		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:48	ALD
7440-22-4	Silver	ND		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:48	ALD
7440-66-6	Zinc	57.5		ug/L	2.22	2	EPA 200.8	07/05/2016 08:11	07/06/2016 04:48	ALD

Metals, Full List by 200.8 Dissolved

Sample Prepared by Method: EPA 200.8

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	2.60		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:33	ALD
7440-39-3	Barium	333		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:33	ALD
7440-43-9	Cadmium	ND		ug/L	1.11	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:33	ALD
7440-47-3	Chromium	6.33		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:33	ALD
7440-50-8	Copper	3.53		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:33	ALD
7439-92-1	Lead	ND		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:33	ALD
7782-49-2	Selenium	7.96		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:33	ALD
7440-22-4	Silver	ND		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:33	ALD
7440-66-6	Zinc	34.7		ug/L	2.22	2	EPA 200.8	07/05/2016 08:12	07/06/2016 03:33	ALD

Mercury by EPA 245.1

Sample Prepared by Method: EPA 245.1 Mercury

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.2000	1	EPA 245.1	07/06/2016 12:50	07/06/2016 15:35	AD

Mercury by EPA 245.1, Dissolved

Sample Prepared by Method: EPA 245.1 Mercury

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		ug/L	0.2000	1	EPA 245.1	07/06/2016 12:50	07/06/2016 15:35	AD

Total Petroleum Hydrocarbons

Sample Prepared by Method: Analysis Preparation

Log-in Notes:

Sample Notes:

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons	4.42		mg/L	0.526	1	EPA 1664A	07/07/2016 07:34	07/08/2016 11:15	SC



Sample Information

Client Sample ID: TMW-2			York Sample ID: 16F1183-46
<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 28, 2016 11:40 am
			<u>Date Received</u> 06/30/2016

Sample Information

Client Sample ID: Trip Blank			York Sample ID: 16F1183-47
<u>York Project (SDG) No.</u> 16F1183	<u>Client Project ID</u> 14EC0037	<u>Matrix</u> Water	<u>Collection Date/Time</u> June 28, 2016 3:00 pm
			<u>Date Received</u> 06/30/2016

Volatile Organics, 624 List- Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
110-75-8	2-Chloroethylvinyl ether	ND	VOA-RE AC	ug/L	20	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
107-02-8	Acrolein	ND		ug/L	10	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
107-13-1	Acrylonitrile	ND		ug/L	10	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
71-43-2	Benzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
75-25-2	Bromoform	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
74-83-9	Bromomethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
108-90-7	Chlorobenzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
75-00-3	Chloroethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
67-66-3	Chloroform	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
74-87-3	Chloromethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
75-09-2	Methylene chloride	ND		ug/L	2.0	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
108-88-3	Toluene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS



Sample Information

Client Sample ID: Trip Blank

York Sample ID: 16F1183-47

York Project (SDG) No.
16F1183

Client Project ID
14EC0037

Matrix
Water

Collection Date/Time
June 28, 2016 3:00 pm

Date Received
06/30/2016

Volatile Organics, 624 List- Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.50	1	EPA 624	07/06/2016 08:00	07/06/2016 13:46	SS
Surrogate Recoveries		Result	Acceptance Range							
17060-07-0	Surrogate: 1,2-Dichloroethane-d4	108 %	69-130							
2037-26-5	Surrogate: Toluene-d8	98.6 %	81-117							
460-00-4	Surrogate: p-Bromofluorobenzene	101 %	79-122							



REASONABLE CONFIDENCE PROTOCOL


LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: York Analytical Laboratories, Inc. Client: BL Companies
 Project Location: 14EC0037 Lab Project No.: 16F1183
 Laboratory Sample ID(s): 16F1183-01 - 16F1183-47 Sampling Date(s): 06/27/2016 - 06/28/2016
 RCP Methods Used: See Narrative and Method Reference Section of this Technical Report

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP RCPs)?	YES
1A	Were the method specified preservation and holding time requirements met?	YES
1B	VPH and EPH Methods only: Was the VPH or EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	NR
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	YES
3	Were samples received at an appropriate temperature (<6°C)?	YES
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	NO
5A	Were reporting limits specified or referenced on the chain-of-custody?	NO
5B	Were these reporting limits met?	NA
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	YES
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	NO

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to questions #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence".
 This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature:  Position: Laboratory Director

Printed Name: Benjamin Gulizia Date: 07/13/2016





Case Narrative

Client:BL Companies
Client Project ID: 14EC0037
Prepared for: Joy Kloss

Introduction

This Case Narrative applies to the following samples submitted to our laboratory on **06/30/2016 15:00**:

<u>Sample Name</u>	<u>Matrix</u>
B-10-2'-4'	Soil
B-10-5'-7'	Soil
B-11-2'-4'	Soil
B-12-2'-4'	Soil
B-1-2'-4'	Soil
B-12-5'-7'	Soil
B-13-3'-5'	Soil
B-13-7'-9'	Soil
B-14-2'-4'	Soil
B-14-5'-7'	Soil
B-15-2'-4'	Soil
B-16-2'-4'	Soil
B-16-5'-7'	Soil
B-17-2'-4'	Soil
B-17-8'-10'	Soil
B-18-2'-4'	Soil
B-19-2'-4'	Soil
B-19-4'-6'	Soil
B-19-7'-9'	Soil
B-20-2'-4'	Soil
B-21-2'-4'	Soil
B-21-6'-8'	Soil
B-22-2'-4'	Soil
B-2-2'-4'	Soil
B-22-6'-8'	Soil
B-23-2'-4'	Soil
B-24-2'-4'	Soil
B-25-2'-4'	Soil
B-2-5'-7'	Soil
B-26-1'-3'	Soil
B-26-6'-8'	Soil
B-27-1'-3'	Soil
B-28-1'-3'	Soil
B-3-2'-4'	Soil
B-3-6'-8'	Soil



B-4-2'-4'	Soil
B-4-7'-9'	Soil
B-5-2'-4'	Soil
B-5-6'-8'	Soil
B-6-2'-4'	Soil
B-6-DUP	Soil
B-8-2'-4'	Soil
B-9-1'-3'	Soil
Dup-1	Water
TMW-1	Water
TMW-2	Water
Trip Blank	Water

The 47 sample(s) were received intact in a custody-sealed cooler unless otherwise noted. Upon receipt, cooler temperature(s) was determined using a NIST traceable digital infrared thermometer. The cooler temperature was acceptable (2-6oC) and documented as:

<u>Cooler</u>	<u>Temp C°</u>
Default Cooler	4.7

Chain-of-custody was maintained from receipt through analysis in the laboratory.

Methodology

Preparation and analysis were conducted according to the SW-846 methods, as detailed in the sample information table, and the requirements of the State of Connecticut Reasonable Confidence Protocols (RCP).

For initial calibrations (ICAL), initial calibration verifications (ICV) and continuing calibration verifications (CCV) for organics determined by GC/MS methods (TO15 volatiles, 8260 volatiles and 8270 semi-volatiles) all method criteria and laboratory SOP criteria were met unless otherwise noted below. Any compounds in the ICAL, ICV or CCV exceeding RCP specified limits are available upon request. This data is not used for Data Quality Assessment or Data Usability Evaluation (assignment of compound bias) which are determined from other lines of evidence. Therefore the data is not detailed in this narrative.

These terms may be used interchangeably. Both are measures of the accuracy of an analysis by measurement of a known material from a source other than that used for calibration. By definition, a **Standard Reference Material (SRM)** is a material containing known levels of analytes used to evaluate the performance of the analytical system with respect to a defined set of acceptance criteria. It is processed exactly as a sample. An **LCS (Laboratory Control Sample)** is second-source standard containing known levels of analyte(s), treated exactly as a sample, run with each analytical batch. Both are metrics used to establish accuracy of the preparation/analysis methods.

Reporting Limits/Method Limitations

The CT RCP methods are performed without modification by York. These methods have specific requirements and yield defined, verified reporting limits. Due to this fact certain target analytes will not meet CTDEEP regulatory criteria. These are specified as follows.

The following CT RCP list compound Reporting Limits do not meet the current action levels defined in the State of Connecticut 2011 Water Quality Standards for Aquatic Life Criteria due to method limitations: Cadmium, Cyanide, Chlordane, Endrin, Heptachlor, Heptachlor Epoxide, Polychlorinated Biphenyls, and Toxaphene.

The following CT RCP list compound Reporting Limits do not meet the current action levels defined in the State of Connecticut 2011 Water Quality Standards for Human health Criteria due to method limitations: Arsenic, Beryllium, Mercury, Thallium, Acrylonitrile, Carbon Tetrachloride, Dibromochloromethane, 1,2-Dichloroethane, 1,1-Dichloroethene, 1,1,2,2-Tetrachloroethane, Vinyl Chloride, 2,4,6-Trichlorophenol, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Bis(2-Chloroethyl)ether, Chrysene, Dibenz(a,h)anthracene, 3,3-Dichlorobenzidene, 2,6-Dinitrotoluene, Hexachlorobutadiene, Indeno(1,2,3-cd)pyrene, N-Nitrosodimethylamine, N-Nitrosodi-n-propylamine, N-Nitrosodiphenylamine, Aldrin, Chlordane, DDT, DDD, DDE, Dieldrin, Heptachlor, Heptachlor Epoxide, Polychlorinated Biphenyls, and Toxaphene.

The following CT RCP list of compound Reporting Limits do not meet the current action levels defined in the State of Connecticut Remedial Standard Regulations (RSR) as amended June 27, 2013 for groundwater protection criteria (GWPC) due to method limitations: Ethylene Dibromide (EDB). If EDB is required to meet GWPC, the LEP must request EPA SW 846 method 8011.

In addition, dilutions required due to levels of target compounds or matrix interference, if noted below, will also affect reporting limits.

Not all of the compounds referenced above may be applicable to this work order if a subset of the CT RCP target analyte list was requested.

Samples -44, 45, 46 and 47 have not been evaluated since RCP is not applicable to the requested methods.

Volatile Organics - Total (RCP List)

No problems were encountered with analysis of the samples, other than detailed below. Analysis acceptance criteria were achieved and the reporting requirements as detailed in the RCP protocols for volatiles by method 8260 dated July, 2006, Version 3.0, pages 8 through 11 are included herein.

Calibration

Initial Calibration

In the initial calibration for volatiles quantitation method V3C00262, Acetone and p- & m-Xylenes exceeded 15% RSD. Samples from -01 to -12 were quantitated using this method.

In the initial calibration for volatiles quantitation method V1C00447, Acetone and Bromoform, exceeded 15% RSD. Samples from -13 to -43 were quantitated using this method.

Initial Calibration Verification

In the initial calibration verification for analytical method V3C00262, all target compounds recovered within the 80-120% window.

In the initial calibration verification for analytical method V1C00447, all target compounds recovered within the 80-120% window.

Continuing Calibration Verification

In the continuing calibration verification affecting samples from -01 to -12, Acetone exceeded 30% difference.

In the continuing calibration verification affecting samples from -13 to -27, Dichlorodifluoromethane exceeded 30% difference.

In the continuing calibration verification affecting samples from -28 to -43, all target compounds recovered within 30% difference.

Batch QC

Method Blank

No target compounds were detected at or above the RL in the method blanks.

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)

Three LCS/LCS Dup sets were run as a batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Matrix Spike, Matrix Spike Duplicate or Sample Duplicate

No site specific MS/MSD was run for this work order.

Sample Issues

Dilutions

No sample dilutions were required.

Internal Standards/Surrogates

Internal Standards Issues

No problems were encountered.

Surrogate Issues

No problems were encountered.

Semi-Volatile Organics – Total (BNA List)

No problems were encountered with analysis of the samples, other than detailed below. Analysis acceptance criteria were achieved and the reporting requirements as detailed in the RCP protocols for volatiles by method 8270 dated July, 2006, Version 3.0. are included herein.

Calibration

Initial Calibration

In the initial calibration for semi-volatiles quantitation method TCBNA214, Acenaphthylene, 3-Nitroaniline, 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine, Hexachlorobenzene, Pentachlorophenol, Carbazole, 3,3'-Dichlorobenzidine exceeded 15% RSD. Samples -01, -02, -03, -04, -05, -06, -07, -09, -10, -15 and -41 were quantitated using this method.

In the initial calibration for semi-volatiles quantitation method BNA2M271, 1,2,4,5-Tetrachlorobenzene, Acenaphthylene, 3-Nitroaniline, 2,4-Dinitrophenol, Fluorene, 4-Chlorophenyl phenyl ether, 4-Nitroaniline, N-Nitrosodiphenylamine, 4-Bromophenyl phenyl ether, Hexachlorobenzene, Pentachloronitrobenzene, Phenanthrene, Anthracene, Carbazole, Di-n-butyl phthalate, Fluorantene Benzo(a)anthracene, 3,3'-Dichlorobenzidine, Dibenzo(a,h)anthracene exceeded 15% RSD. The remaining samples were quantitated using this method.

Initial Calibration Verification

In the initial calibration verification for analytical method TCBNA214, 3-Nitroaniline, 4-Nitroaniline recovered outside the 80-120% window.

In the initial calibration verification for analytical method BNA2M271, all target compounds recovered within the 80-120% window.

Continuing Calibration Verification

In the continuing calibration verification affecting samples -08 -16, -17, -18, 19 and -20, Hexachlorocyclopentadiene, 3-Nitroaniline, Dibenzo(a,h)anthracene and Benzo(g,h,i)perylene exceeded 30% difference.

In the continuing calibration verification affecting samples -11, -12, -13, -14, -21 and -22, Aniline, Bis(2-chloroisopropyl)ether, 4-Chloroaniline, Hexachlorocyclopentadiene, 3-Nitroaniline, Benzo(a)pyrene, Benzo(g,h,i)perylene exceeded 30% difference.

In the continuing calibration verification affecting samples -23, -24, -25, -26, -27, -28, -29, -30, -31, -32, -33, -34, -35, -36, -37, -38, -39 and -40 (without dilution), Carbazole, Bis(2-chloroisopropyl)ether Benzo(a)pyrene exceeded 30% difference.

In the continuing calibration verification affecting samples -40 (with dilution), -42 and 43, Aniline, 4-Chloroaniline, 3-Nitroaniline, Carbazole exceeded 30% difference.

In the continuing calibration verification affecting samples -03, -04, -09, -10 and -15, Hexachlorocyclopentadiene, 3-Nitroaniline exceeded 30% difference.

In the continuing calibration verification affecting samples -01, -02, -05, -06, -07 and -41, Hexachlorocyclopentadiene, 3-Nitroaniline, Carbazole exceeded 30% difference.

Batch QC

Method Blank

No target compounds were detected at or above the RL in the method blanks.

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)

Three LCS/LCS Dup sets were run as a batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Matrix Spike/Matrix Spike Duplicate

One Matrix Spike was run for sample -12 for this work order. Please refer to the Quality Control Data attached to this report for bias information.

One Matrix Spike was run for sample -25 for this work order. Please refer to the Quality Control Data attached to this report for bias information.

Sample Issues

Dilutions

Sample -40 required dilutions due to the levels of target compounds encountered. Some analyte reporting limits are elevated as a result.

Internal Standards/Surrogates

Internal Standards Issues

No problems were encountered.

Surrogate Issues

The surrogate compound Terphenyl-d14 recovered outside of RCP limits in samples -03, -04, -09, -10 and 15. The compound is flagged "S-07" accordingly.

ETPH- Total

No problems were encountered during analysis of the samples, other than detailed below.

Batch QC

Method Blank

No target compounds were detected at or above the RL in the method blanks.

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)

Three LCS/LCS Dup sets were run as a batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate

One Matrix Spike was run for sample -05 for this work order. Please refer to the Quality Control Data attached to this report for bias information.

One Matrix Spike was run for sample -17 for this work order. Please refer to the Quality Control Data attached to this report for bias information.

One Matrix Spike was run for sample -42 for this work order. Please refer to the Quality Control Data attached to this report for bias information.

Sample Issues

Dilutions

No sample dilutions were required.

Internal Standards and/or Surrogates

Surrogate Issues

No problems were encountered.

Pesticides - Total (RCP List)

No problems were encountered during analysis of the samples, other than detailed below.

Batch QC

Method Blank

No target compounds were detected at or above the RL in the method blanks.

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)

Three LCS/LCS Dup sets were run as a batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate

One Matrix Spike was run for sample -04 for this work order. Please refer to the Quality Control Data attached to this report for bias information.

One Matrix Spike was run for sample -38 for this work order. Please refer to the Quality Control Data attached to this report for bias information.

One Matrix Spike was run for sample -42 for this work order. Please refer to the Quality Control Data attached to this report for bias information.

Sample Issues

Dilutions

No sample dilutions were required.

Internal Standards and/or Surrogates

Surrogate Issues

The surrogate compound Tetrachloro-m-xylene recovered outside of outside of control limits in samples -10, -11, -09 and 41. The data was accepted based on valid recovery of the alternate surrogate. The compound is flagged "GC-Surr" accordingly.

The surrogate compound Decachlorobiphenyl recovered outside of outside of control limits in samples -31. The data was accepted based on valid recovery of the alternate surrogate. The compound is flagged “GC-Surr” accordingly.

PCBs - Total (RCP List)

No problems were encountered during analysis of the samples, other than detailed below.

Batch QC

Method Blank

No target compounds were detected at or above the RL in the method blanks.

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)

Three LCS/LCS Dup sets were run as a batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate

No site specific MS/MSD was run for this work order.

Sample Issues

Dilutions

No sample dilutions were required.

Internal Standards and/or Surrogates

Surrogate Issues

The surrogate compound Tetrachloro-m-xylene recovered outside of outside of control limits in samples -41. The data was accepted based on valid recovery of the alternate surrogate. The compound is flagged “GC-Surr” accordingly.

Metals – Total (RCRA List, excluding Mercury)

No problems were encountered during analysis of the samples, other than detailed below.

Batch QC

Method Blank

No target compounds were detected at or above the RL in the method blanks.

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)

Three Standard Reference Materials were run as a batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate

One Matrix Spike and one Sample Duplicate were run for sample -01 for this work order. Please refer to the Quality Control Data attached to this report for bias information.

One Matrix Spike and one Sample Duplicate were run for sample -21 for this work order. Please refer to the Quality Control Data attached to this report for bias information.

One Matrix Spike and one Sample Duplicate were run for sample -41 for this work order. Please refer to the Quality Control Data attached to this report for bias information.

Sample Issues

Dilutions

No sample dilutions were required.

Metals – Dissolved (TCLP List, excluding Mercury)

No problems were encountered during analysis of the samples, other than detailed below.

Batch QC

Method Blank

No target compounds were detected at or above the RL in the method blanks.

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)

Three Standard Reference Materials were run as a batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate

One Matrix Spike and one Sample Duplicate were run for sample -04 for this work order. Please refer to the Quality Control Data attached to this report for bias information.

One Matrix Spike and one Sample Duplicate were run for sample -24 for this work order. Please refer to the Quality Control Data attached to this report for bias information.

Sample Issues

Dilutions

No sample dilutions were required.

Mercury – Total

No problems were encountered during analysis of the samples, other than detailed below.

Batch QC

Method Blank

No target compounds were detected at or above the RL in the method blanks.

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)

Three Standard Reference Materials were run as a batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate

One Matrix Spike and one Sample Duplicate were run for sample -15 for this work order. Please refer to the Quality Control Data attached to this report for bias information.

Sample Issues

Dilutions

No sample dilutions were required.

Mercury – TCLP

No problems were encountered during analysis of the samples, other than detailed below.

Batch QC

Method Blank

No target compounds were detected at or above the RL in the method blanks.

Laboratory Control Sample (LCS) or Standard Reference Material (SRM)

Three Standard Reference Materials were run as a batch QC for this project. Please refer to the Quality Control Data attached to this report for bias information.

Matrix Spike, Matrix Spike Duplicate and/or Sample Duplicate

One Matrix Spike and one Sample Duplicate were run for sample -01 for this work order. Please refer to the Quality Control Data attached to this report for bias information.

One Matrix Spike and one Sample Duplicate were run for sample -19 for this work order. Please refer to the Quality Control Data attached to this report for bias information.

One Matrix Spike and one Sample Duplicate were run for sample -39 for this work order. Please refer to the Quality Control Data attached to this report for bias information.

Sample Issues

Dilutions

No sample dilutions were required.



Analytical Batch Summary

Batch ID: BG60003 **General Method:** Mercury by EPA 7000/200 Series Methods
Prep Method: EPA 7473 soil

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-01	B-1-2'-4'	07/01/16	ALD
16F1183-02	B-2-2'-4'	07/01/16	ALD
16F1183-03	B-2-5'-7'	07/01/16	ALD
16F1183-04	B-3-2'-4'	07/01/16	ALD
16F1183-05	B-3-6'-8'	07/01/16	ALD
16F1183-06	B-4-2'-4'	07/01/16	ALD
16F1183-07	B-4-7'-9'	07/01/16	ALD
16F1183-08	B-5-2'-4'	07/01/16	ALD
16F1183-09	B-5-6'-8'	07/01/16	ALD
16F1183-10	B-6-2'-4'	07/01/16	ALD
16F1183-11	B-6-DUP	07/01/16	ALD
16F1183-12	B-8-2'-4'	07/01/16	ALD
16F1183-13	B-9-1'-3'	07/01/16	ALD
16F1183-14	B-10-2'-4'	07/01/16	ALD
BG60003-BLK1	Blank	07/01/16	ALD
BG60003-SRM1	Reference	07/01/16	ALD

Batch ID: BG60035 **General Method:** Semivolatile Organic Compounds by GC/MS
Prep Method: EPA 3510C

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-44	TMW-1	07/01/16	RDS
16F1183-45	Dup-1	07/01/16	RDS
16F1183-46	TMW-2	07/01/16	RDS
BG60035-BLK1	Blank	07/01/16	RDS
BG60035-BLK2	Blank	07/01/16	RDS
BG60035-BS1	LCS	07/01/16	RDS
BG60035-BS2	LCS	07/01/16	RDS
BG60035-BSD1	LCS Dup	07/01/16	RDS



Batch ID: BG60047 **General Method:** Mercury by EPA 7000/200 Series Methods
Prep Method: EPA 7473 soil

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-15	B-10-5'-7'	07/05/16	ALD
16F1183-16	B-11-2'-4'	07/05/16	ALD
16F1183-17	B-12-2'-4'	07/05/16	ALD
16F1183-18	B-12-5'-7'	07/05/16	ALD
16F1183-19	B-13-3'-5'	07/05/16	ALD
16F1183-20	B-13-7'-9'	07/05/16	ALD
16F1183-21	B-14-2'-4'	07/05/16	ALD
16F1183-22	B-14-5'-7'	07/05/16	ALD
16F1183-23	B-15-2'-4'	07/05/16	ALD
16F1183-24	B-16-2'-4'	07/05/16	ALD
16F1183-25	B-16-5'-7'	07/05/16	ALD
16F1183-26	B-17-2'-4'	07/05/16	ALD
16F1183-27	B-17-8'-10'	07/05/16	ALD
16F1183-28	B-18-2'-4'	07/05/16	ALD
16F1183-29	B-19-2'-4'	07/05/16	ALD
16F1183-30	B-19-4'-6'	07/05/16	ALD
16F1183-31	B-19-7'-9'	07/05/16	ALD
16F1183-32	B-20-2'-4'	07/05/16	ALD
16F1183-33	B-21-2'-4'	07/05/16	ALD
16F1183-34	B-21-6'-8'	07/05/16	ALD
BG60047-BLK1	Blank	07/05/16	ALD
BG60047-DUP1	Duplicate	07/05/16	ALD
BG60047-MS1	Matrix Spike	07/05/16	ALD
BG60047-SRM1	Reference	07/05/16	ALD

Batch ID: BG60048 **General Method:** Mercury by EPA 7000/200 Series Methods
Prep Method: EPA 7473 soil

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-35	B-22-2'-4'	07/05/16	ALD
16F1183-36	B-22-6'-8'	07/05/16	ALD
16F1183-37	B-23-2'-4'	07/05/16	ALD
16F1183-38	B-24-2'-4'	07/05/16	ALD
16F1183-39	B-25-2'-4'	07/05/16	ALD
16F1183-40	B-26-1'-3'	07/05/16	ALD
16F1183-41	B-26-6'-8'	07/05/16	ALD
16F1183-42	B-27-1'-3'	07/05/16	ALD
16F1183-43	B-28-1'-3'	07/05/16	ALD
BG60048-BLK1	Blank	07/05/16	ALD
BG60048-SRM1	Reference	07/05/16	ALD



Batch ID: BG60050 **General Method:** Organochlorine Pesticides by GC/ECD
Prep Method: EPA SW846-3510C Low Level

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-44	TMW-1	07/05/16	TFG
16F1183-44	TMW-1	07/05/16	TFG
16F1183-45	Dup-1	07/05/16	TFG
16F1183-45	Dup-1	07/05/16	TFG
16F1183-46	TMW-2	07/05/16	TFG
16F1183-46	TMW-2	07/05/16	TFG
BG60050-BLK1	Blank	07/05/16	TFG
BG60050-BLK2	Blank	07/05/16	TFG
BG60050-BS1	LCS	07/05/16	TFG
BG60050-BS2	LCS	07/05/16	TFG
BG60050-BSD2	LCS Dup	07/05/16	TFG

Batch ID: BG60051 **General Method:** Metals by ICP
Prep Method: EPA 3050B

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-01	B-1-2'-4'	07/05/16	ALD
16F1183-02	B-2-2'-4'	07/05/16	ALD
16F1183-03	B-2-5'-7'	07/05/16	ALD
16F1183-04	B-3-2'-4'	07/05/16	ALD
16F1183-05	B-3-6'-8'	07/05/16	ALD
16F1183-06	B-4-2'-4'	07/05/16	ALD
16F1183-07	B-4-7'-9'	07/05/16	ALD
16F1183-08	B-5-2'-4'	07/05/16	ALD
16F1183-09	B-5-6'-8'	07/05/16	ALD
16F1183-10	B-6-2'-4'	07/05/16	ALD
16F1183-11	B-6-DUP	07/05/16	ALD
16F1183-12	B-8-2'-4'	07/05/16	ALD
16F1183-13	B-9-1'-3'	07/05/16	ALD
16F1183-14	B-10-2'-4'	07/05/16	ALD
16F1183-15	B-10-5'-7'	07/05/16	ALD
16F1183-16	B-11-2'-4'	07/05/16	ALD
16F1183-17	B-12-2'-4'	07/05/16	ALD
16F1183-18	B-12-5'-7'	07/05/16	ALD
16F1183-19	B-13-3'-5'	07/05/16	ALD
16F1183-20	B-13-7'-9'	07/05/16	ALD
BG60051-BLK1	Blank	07/05/16	ALD
BG60051-DUP1	Duplicate	07/05/16	ALD
BG60051-MS1	Matrix Spike	07/05/16	ALD
BG60051-SRM1	Reference	07/05/16	ALD



Batch ID: BG60053 **General Method:** Metals by ICP
Prep Method: EPA 3050B

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-21	B-14-2'-4'	07/05/16	ALD
16F1183-22	B-14-5'-7'	07/05/16	ALD
16F1183-23	B-15-2'-4'	07/05/16	ALD
16F1183-24	B-16-2'-4'	07/05/16	ALD
16F1183-25	B-16-5'-7'	07/05/16	ALD
16F1183-26	B-17-2'-4'	07/05/16	ALD
16F1183-27	B-17-8'-10'	07/05/16	ALD
16F1183-28	B-18-2'-4'	07/05/16	ALD
16F1183-29	B-19-2'-4'	07/05/16	ALD
16F1183-30	B-19-4'-6'	07/05/16	ALD
16F1183-31	B-19-7'-9'	07/05/16	ALD
16F1183-32	B-20-2'-4'	07/05/16	ALD
16F1183-33	B-21-2'-4'	07/05/16	ALD
16F1183-34	B-21-6'-8'	07/05/16	ALD
16F1183-35	B-22-2'-4'	07/05/16	ALD
16F1183-36	B-22-6'-8'	07/05/16	ALD
16F1183-37	B-23-2'-4'	07/05/16	ALD
16F1183-38	B-24-2'-4'	07/05/16	ALD
16F1183-39	B-25-2'-4'	07/05/16	ALD
16F1183-40	B-26-1'-3'	07/05/16	ALD
BG60053-BLK1	Blank	07/05/16	ALD
BG60053-DUP1	Duplicate	07/05/16	ALD
BG60053-MS1	Matrix Spike	07/05/16	ALD
BG60053-SRM1	Reference	07/05/16	ALD

Batch ID: BG60054 **General Method:** Metals by ICP
Prep Method: EPA 3050B

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-41	B-26-6'-8'	07/05/16	ALD
16F1183-42	B-27-1'-3'	07/05/16	ALD
16F1183-43	B-28-1'-3'	07/05/16	ALD
BG60054-BLK1	Blank	07/05/16	ALD
BG60054-DUP1	Duplicate	07/05/16	ALD
BG60054-MS1	Matrix Spike	07/05/16	ALD
BG60054-SRM1	Reference	07/05/16	ALD



Batch ID: BG60058 **General Method:** Gas Chromatography/Flame Ionization Detector
Prep Method: EPA 3545A

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-01	B-1-2'-4'	07/05/16	KNN
16F1183-02	B-2-2'-4'	07/05/16	KNN
16F1183-03	B-2-5'-7'	07/05/16	KNN
16F1183-04	B-3-2'-4'	07/05/16	KNN
16F1183-05	B-3-6'-8'	07/05/16	KNN
16F1183-06	B-4-2'-4'	07/05/16	KNN
16F1183-07	B-4-7'-9'	07/05/16	KNN
16F1183-08	B-5-2'-4'	07/05/16	KNN
16F1183-09	B-5-6'-8'	07/05/16	KNN
16F1183-10	B-6-2'-4'	07/05/16	KNN
16F1183-11	B-6-DUP	07/05/16	KNN
16F1183-12	B-8-2'-4'	07/05/16	KNN
16F1183-13	B-9-1'-3'	07/05/16	KNN
16F1183-14	B-10-2'-4'	07/05/16	KNN
16F1183-15	B-10-5'-7'	07/05/16	KNN
BG60058-BLK1	Blank	07/05/16	KNN
BG60058-BS1	LCS	07/05/16	KNN
BG60058-BSD1	LCS Dup	07/05/16	KNN
BG60058-MS1	Matrix Spike	07/05/16	KNN

Batch ID: BG60074 **General Method:** Metals by ICP/MS
Prep Method: EPA 200.8

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-44	TMW-1	07/05/16	ALD
16F1183-45	Dup-1	07/05/16	ALD
16F1183-46	TMW-2	07/05/16	ALD
BG60074-BLK1	Blank	07/05/16	ALD
BG60074-DUP1	Duplicate	07/05/16	ALD
BG60074-MS1	Matrix Spike	07/05/16	ALD
BG60074-SRM1	Reference	07/05/16	ALD

Batch ID: BG60075 **General Method:** Metals by ICP/MS
Prep Method: EPA 200.8

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-44	TMW-1	07/05/16	ALD
16F1183-45	Dup-1	07/05/16	ALD
16F1183-46	TMW-2	07/05/16	ALD
BG60075-BLK1	Blank	07/05/16	ALD
BG60075-DUP1	Duplicate	07/05/16	ALD
BG60075-MS1	Matrix Spike	07/05/16	ALD
BG60075-SRM1	Reference	07/05/16	ALD



Batch ID: BG60092 **General Method:** Miscellaneous Physical Parameters
Prep Method: % Solids Prep

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-01	B-1-2'-4'	07/05/16	TJM
16F1183-02	B-2-2'-4'	07/05/16	TJM
16F1183-03	B-2-5'-7'	07/05/16	TJM
16F1183-04	B-3-2'-4'	07/05/16	TJM
16F1183-05	B-3-6'-8'	07/05/16	TJM
16F1183-06	B-4-2'-4'	07/05/16	TJM
16F1183-07	B-4-7'-9'	07/05/16	TJM
16F1183-08	B-5-2'-4'	07/05/16	TJM
16F1183-09	B-5-6'-8'	07/05/16	TJM
16F1183-10	B-6-2'-4'	07/05/16	TJM
BG60092-DUP1	Duplicate	07/05/16	TJM

Batch ID: BG60093 **General Method:** Miscellaneous Physical Parameters
Prep Method: % Solids Prep

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-11	B-6-DUP	07/05/16	TJM
16F1183-12	B-8-2'-4'	07/05/16	TJM
16F1183-13	B-9-1'-3'	07/05/16	TJM
16F1183-14	B-10-2'-4'	07/05/16	TJM
16F1183-15	B-10-5'-7'	07/05/16	TJM
16F1183-16	B-11-2'-4'	07/05/16	TJM
16F1183-17	B-12-2'-4'	07/05/16	TJM
16F1183-18	B-12-5'-7'	07/05/16	TJM
16F1183-19	B-13-3'-5'	07/05/16	TJM
16F1183-20	B-13-7'-9'	07/05/16	TJM
16F1183-21	B-14-2'-4'	07/05/16	TJM
16F1183-22	B-14-5'-7'	07/05/16	TJM
16F1183-23	B-15-2'-4'	07/05/16	TJM
16F1183-24	B-16-2'-4'	07/05/16	TJM
16F1183-25	B-16-5'-7'	07/05/16	TJM
16F1183-26	B-17-2'-4'	07/05/16	TJM
16F1183-27	B-17-8'-10'	07/05/16	TJM
16F1183-28	B-18-2'-4'	07/05/16	TJM
16F1183-29	B-19-2'-4'	07/05/16	TJM
16F1183-30	B-19-4'-6'	07/05/16	TJM
BG60093-DUP1	Duplicate	07/05/16	TJM



Batch ID: BG60094 **General Method:** Miscellaneous Physical Parameters
Prep Method: % Solids Prep

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-31	B-19-7'-9'	07/05/16	TJM
16F1183-32	B-20-2'-4'	07/05/16	TJM
16F1183-33	B-21-2'-4'	07/05/16	TJM
16F1183-34	B-21-6'-8'	07/05/16	TJM
16F1183-35	B-22-2'-4'	07/05/16	TJM
16F1183-36	B-22-6'-8'	07/05/16	TJM
16F1183-37	B-23-2'-4'	07/05/16	TJM
16F1183-38	B-24-2'-4'	07/05/16	TJM
16F1183-39	B-25-2'-4'	07/05/16	TJM
16F1183-40	B-26-1'-3'	07/05/16	TJM
16F1183-41	B-26-6'-8'	07/05/16	TJM
16F1183-42	B-27-1'-3'	07/05/16	TJM
16F1183-43	B-28-1'-3'	07/05/16	TJM

Batch ID: BG60098 **General Method:** Semivolatile Organic Compounds by GC/MS
Prep Method: EPA 3546 SVOA

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-03	B-2-5'-7'	07/05/16	MGL
16F1183-04	B-3-2'-4'	07/05/16	MGL
16F1183-08	B-5-2'-4'	07/05/16	MGL
16F1183-09	B-5-6'-8'	07/05/16	MGL
16F1183-10	B-6-2'-4'	07/05/16	MGL
16F1183-11	B-6-DUP	07/05/16	MGL
16F1183-12	B-8-2'-4'	07/05/16	MGL
16F1183-13	B-9-1'-3'	07/05/16	MGL
16F1183-14	B-10-2'-4'	07/05/16	MGL
16F1183-15	B-10-5'-7'	07/05/16	MGL
16F1183-16	B-11-2'-4'	07/05/16	MGL
16F1183-17	B-12-2'-4'	07/05/16	MGL
16F1183-18	B-12-5'-7'	07/05/16	MGL
16F1183-19	B-13-3'-5'	07/05/16	MGL
16F1183-20	B-13-7'-9'	07/05/16	MGL
BG60098-BLK1	Blank	07/05/16	MGL
BG60098-BS1	LCS	07/05/16	MGL
BG60098-BSD1	LCS Dup	07/05/16	MGL
BG60098-MS1	Matrix Spike	07/05/16	MGL



Batch ID: BG60107 **General Method:** Wet Chemistry Parameters
Prep Method: EPA SW 846-1311 TCLP ext. for metals

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-01	B-1-2'-4'	07/05/16	TJM
16F1183-02	B-2-2'-4'	07/05/16	TJM
16F1183-03	B-2-5'-7'	07/05/16	TJM
16F1183-04	B-3-2'-4'	07/05/16	TJM
16F1183-05	B-3-6'-8'	07/05/16	TJM
16F1183-06	B-4-2'-4'	07/05/16	TJM
16F1183-07	B-4-7'-9'	07/05/16	TJM

Batch ID: BG60108 **General Method:** Wet Chemistry Parameters
Prep Method: EPA SW 846-1311 TCLP ext. for metals

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-08	B-5-2'-4'	07/05/16	TJM
16F1183-09	B-5-6'-8'	07/05/16	TJM
16F1183-10	B-6-2'-4'	07/05/16	TJM
16F1183-11	B-6-DUP	07/05/16	TJM
16F1183-12	B-8-2'-4'	07/05/16	TJM
16F1183-13	B-9-1'-3'	07/05/16	TJM
16F1183-14	B-10-2'-4'	07/05/16	TJM
16F1183-15	B-10-5'-7'	07/05/16	TJM
16F1183-16	B-11-2'-4'	07/05/16	TJM
16F1183-17	B-12-2'-4'	07/05/16	TJM
16F1183-18	B-12-5'-7'	07/05/16	TJM
16F1183-19	B-13-3'-5'	07/05/16	TJM
16F1183-20	B-13-7'-9'	07/05/16	TJM
16F1183-21	B-14-2'-4'	07/05/16	TJM
16F1183-22	B-14-5'-7'	07/05/16	TJM
16F1183-23	B-15-2'-4'	07/05/16	TJM
16F1183-24	B-16-2'-4'	07/05/16	TJM
16F1183-25	B-16-5'-7'	07/05/16	TJM
16F1183-26	B-17-2'-4'	07/05/16	TJM



Batch ID: BG60120 **General Method:** Gas Chromatography/Flame Ionization Detector
Prep Method: EPA 3545A

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-16	B-11-2'-4'	07/06/16	KNN
16F1183-17	B-12-2'-4'	07/06/16	KNN
16F1183-18	B-12-5'-7'	07/06/16	KNN
16F1183-19	B-13-3'-5'	07/06/16	KNN
16F1183-20	B-13-7'-9'	07/06/16	KNN
16F1183-21	B-14-2'-4'	07/06/16	KNN
16F1183-22	B-14-5'-7'	07/06/16	KNN
16F1183-23	B-15-2'-4'	07/06/16	KNN
16F1183-24	B-16-2'-4'	07/06/16	KNN
16F1183-25	B-16-5'-7'	07/06/16	KNN
16F1183-26	B-17-2'-4'	07/06/16	KNN
16F1183-27	B-17-8'-10'	07/06/16	KNN
16F1183-28	B-18-2'-4'	07/06/16	KNN
16F1183-29	B-19-2'-4'	07/06/16	KNN
16F1183-30	B-19-4'-6'	07/06/16	KNN
16F1183-31	B-19-7'-9'	07/06/16	KNN
16F1183-32	B-20-2'-4'	07/06/16	KNN
16F1183-33	B-21-2'-4'	07/06/16	KNN
BG60120-BLK1	Blank	07/06/16	KNN
BG60120-BS1	LCS	07/06/16	KNN
BG60120-BSD1	LCS Dup	07/06/16	KNN
BG60120-MS1	Matrix Spike	07/06/16	KNN

Batch ID: BG60128 **General Method:** Volatile Organic Compounds by GC/MS
Prep Method: EPA 5035A

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-01	B-1-2'-4'	07/06/16	BGS
16F1183-02	B-2-2'-4'	07/06/16	BGS
16F1183-03	B-2-5'-7'	07/06/16	BGS
16F1183-04	B-3-2'-4'	07/06/16	BGS
16F1183-05	B-3-6'-8'	07/06/16	BGS
16F1183-06	B-4-2'-4'	07/06/16	BGS
16F1183-07	B-4-7'-9'	07/06/16	BGS
16F1183-08	B-5-2'-4'	07/06/16	BGS
16F1183-09	B-5-6'-8'	07/06/16	BGS
16F1183-10	B-6-2'-4'	07/06/16	BGS
16F1183-11	B-6-DUP	07/06/16	BGS
16F1183-12	B-8-2'-4'	07/06/16	BGS
BG60128-BLK1	Blank	07/06/16	BGS
BG60128-BS1	LCS	07/06/16	BGS
BG60128-BSD1	LCS Dup	07/06/16	BGS



Batch ID: BG60131 **General Method:** Volatile Organic Compounds by GC/MS
Prep Method: EPA 5030B

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-44	TMW-1	07/06/16	BGS
16F1183-45	Dup-1	07/06/16	BGS
16F1183-46	TMW-2	07/06/16	BGS
16F1183-47	Trip Blank	07/06/16	BGS
BG60131-BLK1	Blank	07/06/16	BGS
BG60131-BS1	LCS	07/06/16	BGS
BG60131-BSD1	LCS Dup	07/06/16	BGS



Batch ID: BG60160 **General Method:** Polychlorinated Biphenyls by GC/ECD
Prep Method: EPA 3545A

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-01	B-1-2'-4'	07/06/16	MGL
16F1183-01	B-1-2'-4'	07/06/16	MGL
16F1183-02	B-2-2'-4'	07/06/16	MGL
16F1183-02	B-2-2'-4'	07/06/16	MGL
16F1183-03	B-2-5'-7'	07/06/16	MGL
16F1183-03	B-2-5'-7'	07/06/16	MGL
16F1183-04	B-3-2'-4'	07/06/16	MGL
16F1183-04	B-3-2'-4'	07/06/16	MGL
16F1183-05	B-3-6'-8'	07/06/16	MGL
16F1183-05	B-3-6'-8'	07/06/16	MGL
16F1183-06	B-4-2'-4'	07/06/16	MGL
16F1183-06	B-4-2'-4'	07/06/16	MGL
16F1183-07	B-4-7'-9'	07/06/16	MGL
16F1183-07	B-4-7'-9'	07/06/16	MGL
16F1183-08	B-5-2'-4'	07/06/16	MGL
16F1183-08	B-5-2'-4'	07/06/16	MGL
16F1183-09	B-5-6'-8'	07/06/16	MGL
16F1183-09	B-5-6'-8'	07/06/16	MGL
16F1183-10	B-6-2'-4'	07/06/16	MGL
16F1183-10	B-6-2'-4'	07/06/16	MGL
16F1183-11	B-6-DUP	07/06/16	MGL
16F1183-11	B-6-DUP	07/06/16	MGL
16F1183-12	B-8-2'-4'	07/06/16	MGL
16F1183-12	B-8-2'-4'	07/06/16	MGL
16F1183-13	B-9-1'-3'	07/06/16	MGL
16F1183-13	B-9-1'-3'	07/06/16	MGL
16F1183-14	B-10-2'-4'	07/06/16	MGL
16F1183-14	B-10-2'-4'	07/06/16	MGL
16F1183-15	B-10-5'-7'	07/06/16	MGL
16F1183-15	B-10-5'-7'	07/06/16	MGL
16F1183-16	B-11-2'-4'	07/06/16	MGL
16F1183-16	B-11-2'-4'	07/06/16	MGL
16F1183-17	B-12-2'-4'	07/06/16	MGL
16F1183-17	B-12-2'-4'	07/06/16	MGL
16F1183-18	B-12-5'-7'	07/06/16	MGL
16F1183-18	B-12-5'-7'	07/06/16	MGL
16F1183-19	B-13-3'-5'	07/06/16	MGL
16F1183-19	B-13-3'-5'	07/06/16	MGL
16F1183-20	B-13-7'-9'	07/06/16	MGL
16F1183-20	B-13-7'-9'	07/06/16	MGL
BG60160-BLK1	Blank	07/06/16	MGL
BG60160-BLK2	Blank	07/06/16	MGL
BG60160-BS1	LCS	07/06/16	MGL
BG60160-BS2	LCS	07/06/16	MGL
BG60160-BSD1	LCS Dup	07/06/16	MGL
BG60160-MS1	Matrix Spike	07/06/16	MGL



Batch ID: BG60162 **General Method:** Metals by ICP
Prep Method: EPA 3015A/1311

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-01	B-1-2'-4'	07/06/16	ALD
16F1183-02	B-2-2'-4'	07/06/16	ALD
16F1183-03	B-2-5'-7'	07/06/16	ALD
BG60162-BLK1	Blank	07/06/16	ALD
BG60162-BLK2	Blank	07/06/16	ALD
BG60162-SRM1	Reference	07/06/16	ALD

Batch ID: BG60163 **General Method:** Mercury by EPA 7000/200 Series Methods
Prep Method: EPA 7473 water

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-01	B-1-2'-4'	07/06/16	ALD
16F1183-02	B-2-2'-4'	07/06/16	ALD
16F1183-03	B-2-5'-7'	07/06/16	ALD
16F1183-04	B-3-2'-4'	07/06/16	ALD
16F1183-05	B-3-6'-8'	07/06/16	ALD
16F1183-06	B-4-2'-4'	07/06/16	ALD
16F1183-07	B-4-7'-9'	07/06/16	ALD
16F1183-08	B-5-2'-4'	07/06/16	ALD
16F1183-09	B-5-6'-8'	07/06/16	ALD
16F1183-10	B-6-2'-4'	07/06/16	ALD
16F1183-11	B-6-DUP	07/06/16	ALD
16F1183-12	B-8-2'-4'	07/06/16	ALD
16F1183-13	B-9-1'-3'	07/06/16	ALD
16F1183-14	B-10-2'-4'	07/06/16	ALD
16F1183-15	B-10-5'-7'	07/06/16	ALD
16F1183-16	B-11-2'-4'	07/06/16	ALD
16F1183-17	B-12-2'-4'	07/06/16	ALD
16F1183-18	B-12-5'-7'	07/06/16	ALD
BG60163-BLK1	Blank	07/06/16	ALD
BG60163-DUP1	Duplicate	07/06/16	ALD
BG60163-MS1	Matrix Spike	07/06/16	ALD
BG60163-SRM1	Reference	07/06/16	ALD



Batch ID: BG60164 **General Method:** Semivolatile Organic Compounds by GC/MS
Prep Method: EPA 3546 SVOA

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-21	B-14-2'-4'	07/06/16	MGL
16F1183-22	B-14-5'-7'	07/06/16	MGL
16F1183-23	B-15-2'-4'	07/06/16	MGL
16F1183-24	B-16-2'-4'	07/06/16	MGL
16F1183-25	B-16-5'-7'	07/06/16	MGL
16F1183-26	B-17-2'-4'	07/06/16	MGL
16F1183-27	B-17-8'-10'	07/06/16	MGL
16F1183-28	B-18-2'-4'	07/06/16	MGL
16F1183-29	B-19-2'-4'	07/06/16	MGL
16F1183-30	B-19-4'-6'	07/06/16	MGL
16F1183-31	B-19-7'-9'	07/06/16	MGL
16F1183-32	B-20-2'-4'	07/06/16	MGL
16F1183-33	B-21-2'-4'	07/06/16	MGL
16F1183-34	B-21-6'-8'	07/06/16	MGL
16F1183-35	B-22-2'-4'	07/06/16	MGL
16F1183-36	B-22-6'-8'	07/06/16	MGL
16F1183-37	B-23-2'-4'	07/06/16	MGL
16F1183-38	B-24-2'-4'	07/06/16	MGL
16F1183-39	B-25-2'-4'	07/06/16	MGL
16F1183-40	B-26-1'-3'	07/06/16	MGL
BG60164-BLK1	Blank	07/06/16	MGL
BG60164-BS1	LCS	07/06/16	MGL
BG60164-BSD1	LCS Dup	07/06/16	MGL
BG60164-MS1	Matrix Spike	07/06/16	MGL

Batch ID: BG60165 **General Method:** Mercury by EPA 7000/200 Series Methods
Prep Method: EPA 245.1 Mercury

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-44	TMW-1	07/06/16	AD
16F1183-45	Dup-1	07/06/16	AD
16F1183-46	TMW-2	07/06/16	AD
BG60165-BLK1	Blank	07/06/16	AD
BG60165-BS1	LCS	07/06/16	AD
BG60165-DUP1	Duplicate	07/06/16	AD



Batch ID: BG60173 **General Method:** Volatile Organic Compounds by GC/MS
Prep Method: EPA 5035A

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-28	B-18-2'-4'	07/06/16	BGS
16F1183-29	B-19-2'-4'	07/06/16	BGS
16F1183-30	B-19-4'-6'	07/06/16	BGS
16F1183-31	B-19-7'-9'	07/06/16	BGS
16F1183-32	B-20-2'-4'	07/06/16	BGS
16F1183-33	B-21-2'-4'	07/06/16	BGS
16F1183-34	B-21-6'-8'	07/06/16	BGS
16F1183-35	B-22-2'-4'	07/06/16	BGS
16F1183-36	B-22-6'-8'	07/06/16	BGS
16F1183-37	B-23-2'-4'	07/06/16	BGS
16F1183-38	B-24-2'-4'	07/06/16	BGS
16F1183-39	B-25-2'-4'	07/06/16	BGS
16F1183-40	B-26-1'-3'	07/06/16	BGS
16F1183-41	B-26-6'-8'	07/06/16	BGS
16F1183-42	B-27-1'-3'	07/06/16	BGS
16F1183-43	B-28-1'-3'	07/06/16	BGS
BG60173-BLK1	Blank	07/06/16	BGS
BG60173-BS1	LCS	07/06/16	BGS
BG60173-BSD1	LCS Dup	07/06/16	BGS

Batch ID: BG60182 **General Method:** Wet Chemistry Parameters
Prep Method: EPA SW 846-1311 TCLP ext. for metals

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-27	B-17-8'-10'	07/06/16	TJM
16F1183-28	B-18-2'-4'	07/06/16	TJM
16F1183-29	B-19-2'-4'	07/06/16	TJM
16F1183-30	B-19-4'-6'	07/06/16	TJM
16F1183-31	B-19-7'-9'	07/06/16	TJM
16F1183-32	B-20-2'-4'	07/06/16	TJM
16F1183-33	B-21-2'-4'	07/06/16	TJM
16F1183-34	B-21-6'-8'	07/06/16	TJM
16F1183-35	B-22-2'-4'	07/06/16	TJM
16F1183-36	B-22-6'-8'	07/06/16	TJM
16F1183-37	B-23-2'-4'	07/06/16	TJM
16F1183-38	B-24-2'-4'	07/06/16	TJM
16F1183-39	B-25-2'-4'	07/06/16	TJM
16F1183-40	B-26-1'-3'	07/06/16	TJM
16F1183-41	B-26-6'-8'	07/06/16	TJM
16F1183-42	B-27-1'-3'	07/06/16	TJM
16F1183-43	B-28-1'-3'	07/06/16	TJM



Batch ID: BG60194 **General Method:** Polychlorinated Biphenyls by GC/ECD
Prep Method: EPA 3545A

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-41	B-26-6'-8'	07/07/16	CM
16F1183-41	B-26-6'-8'	07/07/16	CM
16F1183-42	B-27-1'-3'	07/07/16	CM
16F1183-42	B-27-1'-3'	07/07/16	CM
16F1183-43	B-28-1'-3'	07/07/16	CM
16F1183-43	B-28-1'-3'	07/07/16	CM
BG60194-BLK1	Blank	07/07/16	CM
BG60194-BLK2	Blank	07/07/16	CM
BG60194-BS1	LCS	07/07/16	CM
BG60194-BS2	LCS	07/07/16	CM
BG60194-BSD1	LCS Dup	07/07/16	CM
BG60194-BSD2	LCS Dup	07/07/16	CM
BG60194-MS1	Matrix Spike	07/07/16	CM



Batch ID: BG60195 **General Method:** Organochlorine Pesticides by GC/ECD
Prep Method: EPA 3545A

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-21	B-14-2'-4'	07/07/16	KNN
16F1183-21	B-14-2'-4'	07/07/16	KNN
16F1183-22	B-14-5'-7'	07/07/16	KNN
16F1183-22	B-14-5'-7'	07/07/16	KNN
16F1183-23	B-15-2'-4'	07/07/16	KNN
16F1183-23	B-15-2'-4'	07/07/16	KNN
16F1183-24	B-16-2'-4'	07/07/16	KNN
16F1183-24	B-16-2'-4'	07/07/16	KNN
16F1183-25	B-16-5'-7'	07/07/16	KNN
16F1183-25	B-16-5'-7'	07/07/16	KNN
16F1183-26	B-17-2'-4'	07/07/16	KNN
16F1183-26	B-17-2'-4'	07/07/16	KNN
16F1183-27	B-17-8'-10'	07/07/16	KNN
16F1183-27	B-17-8'-10'	07/07/16	KNN
16F1183-28	B-18-2'-4'	07/07/16	KNN
16F1183-28	B-18-2'-4'	07/07/16	KNN
16F1183-29	B-19-2'-4'	07/07/16	KNN
16F1183-29	B-19-2'-4'	07/07/16	KNN
16F1183-30	B-19-4'-6'	07/07/16	KNN
16F1183-30	B-19-4'-6'	07/07/16	KNN
16F1183-31	B-19-7'-9'	07/07/16	KNN
16F1183-31	B-19-7'-9'	07/07/16	KNN
16F1183-32	B-20-2'-4'	07/07/16	KNN
16F1183-32	B-20-2'-4'	07/07/16	KNN
16F1183-33	B-21-2'-4'	07/07/16	KNN
16F1183-33	B-21-2'-4'	07/07/16	KNN
16F1183-34	B-21-6'-8'	07/07/16	KNN
16F1183-34	B-21-6'-8'	07/07/16	KNN
16F1183-35	B-22-2'-4'	07/07/16	KNN
16F1183-35	B-22-2'-4'	07/07/16	KNN
16F1183-36	B-22-6'-8'	07/07/16	KNN
16F1183-36	B-22-6'-8'	07/07/16	KNN
16F1183-37	B-23-2'-4'	07/07/16	KNN
16F1183-37	B-23-2'-4'	07/07/16	KNN
16F1183-38	B-24-2'-4'	07/07/16	KNN
16F1183-38	B-24-2'-4'	07/07/16	KNN
16F1183-39	B-25-2'-4'	07/07/16	KNN
16F1183-39	B-25-2'-4'	07/07/16	KNN
16F1183-40	B-26-1'-3'	07/07/16	KNN
16F1183-40	B-26-1'-3'	07/07/16	KNN
BG60195-BLK1	Blank	07/07/16	KNN
BG60195-BLK2	Blank	07/07/16	KNN
BG60195-BS1	LCS	07/07/16	KNN
BG60195-BS2	LCS	07/07/16	KNN
BG60195-BSD1	LCS Dup	07/07/16	KNN
BG60195-MS1	Matrix Spike	07/07/16	KNN



Batch ID: BG60197 **General Method:** Wet Chemistry Parameters
Prep Method: Analysis Preparation

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-44	TMW-1	07/07/16	SC
16F1183-45	Dup-1	07/07/16	SC
16F1183-46	TMW-2	07/07/16	SC
BG60197-BLK1	Blank	07/07/16	SC
BG60197-BS1	LCS	07/07/16	SC

Batch ID: BG60215 **General Method:** Gas Chromatography/Flame Ionization Detector
Prep Method: EPA 3545A

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-34	B-21-6'-8'	07/07/16	CM
16F1183-35	B-22-2'-4'	07/07/16	CM
16F1183-36	B-22-6'-8'	07/07/16	CM
16F1183-37	B-23-2'-4'	07/07/16	CM
16F1183-38	B-24-2'-4'	07/07/16	CM
16F1183-39	B-25-2'-4'	07/07/16	CM
16F1183-40	B-26-1'-3'	07/07/16	CM
16F1183-41	B-26-6'-8'	07/07/16	CM
16F1183-42	B-27-1'-3'	07/07/16	CM
16F1183-43	B-28-1'-3'	07/07/16	CM
BG60215-BLK1	Blank	07/07/16	CM
BG60215-BS1	LCS	07/07/16	CM
BG60215-BSD1	LCS Dup	07/07/16	CM
BG60215-MS1	Matrix Spike	07/07/16	CM



Batch ID: BG60218 **General Method:** Metals by ICP
Prep Method: EPA 3015A/1311

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-04	B-3-2'-4'	07/07/16	ALD
16F1183-05	B-3-6'-8'	07/07/16	ALD
16F1183-06	B-4-2'-4'	07/07/16	ALD
16F1183-07	B-4-7'-9'	07/07/16	ALD
16F1183-08	B-5-2'-4'	07/07/16	ALD
16F1183-09	B-5-6'-8'	07/07/16	ALD
16F1183-10	B-6-2'-4'	07/07/16	ALD
16F1183-11	B-6-DUP	07/07/16	ALD
16F1183-12	B-8-2'-4'	07/07/16	ALD
16F1183-13	B-9-1'-3'	07/07/16	ALD
16F1183-14	B-10-2'-4'	07/07/16	ALD
16F1183-15	B-10-5'-7'	07/07/16	ALD
16F1183-16	B-11-2'-4'	07/07/16	ALD
16F1183-17	B-12-2'-4'	07/07/16	ALD
16F1183-18	B-12-5'-7'	07/07/16	ALD
16F1183-19	B-13-3'-5'	07/07/16	ALD
16F1183-20	B-13-7'-9'	07/07/16	ALD
16F1183-21	B-14-2'-4'	07/07/16	ALD
16F1183-22	B-14-5'-7'	07/07/16	ALD
16F1183-23	B-15-2'-4'	07/07/16	ALD
BG60218-BLK1	Blank	07/07/16	ALD
BG60218-BLK2	Blank	07/07/16	ALD
BG60218-DUP1	Duplicate	07/07/16	ALD
BG60218-MS1	Matrix Spike	07/07/16	ALD
BG60218-SRM1	Reference	07/07/16	ALD



Batch ID: BG60233 **General Method:** Metals by ICP
Prep Method: EPA 3015A/1311

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-24	B-16-2'-4'	07/07/16	ALD
16F1183-25	B-16-5'-7'	07/07/16	ALD
16F1183-26	B-17-2'-4'	07/07/16	ALD
16F1183-27	B-17-8'-10'	07/07/16	ALD
16F1183-28	B-18-2'-4'	07/07/16	ALD
16F1183-29	B-19-2'-4'	07/07/16	ALD
16F1183-30	B-19-4'-6'	07/07/16	ALD
16F1183-31	B-19-7'-9'	07/07/16	ALD
16F1183-32	B-20-2'-4'	07/07/16	ALD
16F1183-33	B-21-2'-4'	07/07/16	ALD
16F1183-34	B-21-6'-8'	07/07/16	ALD
16F1183-35	B-22-2'-4'	07/07/16	ALD
16F1183-36	B-22-6'-8'	07/07/16	ALD
16F1183-37	B-23-2'-4'	07/07/16	ALD
16F1183-38	B-24-2'-4'	07/07/16	ALD
16F1183-39	B-25-2'-4'	07/07/16	ALD
16F1183-40	B-26-1'-3'	07/07/16	ALD
16F1183-41	B-26-6'-8'	07/07/16	ALD
16F1183-42	B-27-1'-3'	07/07/16	ALD
16F1183-43	B-28-1'-3'	07/07/16	ALD
BG60233-BLK1	Blank	07/07/16	ALD
BG60233-BLK2	Blank	07/07/16	ALD
BG60233-DUP1	Duplicate	07/07/16	ALD
BG60233-MS1	Matrix Spike	07/07/16	ALD
BG60233-SRM1	Reference	07/07/16	ALD



Batch ID: BG60235 **General Method:** Mercury by EPA 7000/200 Series Methods
Prep Method: EPA 7473 water

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-19	B-13-3'-5'	07/07/16	ALD
16F1183-20	B-13-7'-9'	07/07/16	ALD
16F1183-21	B-14-2'-4'	07/07/16	ALD
16F1183-22	B-14-5'-7'	07/07/16	ALD
16F1183-23	B-15-2'-4'	07/07/16	ALD
16F1183-24	B-16-2'-4'	07/07/16	ALD
16F1183-25	B-16-5'-7'	07/07/16	ALD
16F1183-26	B-17-2'-4'	07/07/16	ALD
16F1183-27	B-17-8'-10'	07/07/16	ALD
16F1183-28	B-18-2'-4'	07/07/16	ALD
16F1183-29	B-19-2'-4'	07/07/16	ALD
16F1183-30	B-19-4'-6'	07/07/16	ALD
16F1183-31	B-19-7'-9'	07/07/16	ALD
16F1183-32	B-20-2'-4'	07/07/16	ALD
16F1183-33	B-21-2'-4'	07/07/16	ALD
16F1183-34	B-21-6'-8'	07/07/16	ALD
16F1183-35	B-22-2'-4'	07/07/16	ALD
16F1183-36	B-22-6'-8'	07/07/16	ALD
16F1183-37	B-23-2'-4'	07/07/16	ALD
16F1183-38	B-24-2'-4'	07/07/16	ALD
BG60235-BLK1	Blank	07/07/16	ALD
BG60235-DUP1	Duplicate	07/07/16	ALD
BG60235-MS1	Matrix Spike	07/07/16	ALD
BG60235-SRM1	Reference	07/07/16	ALD

Batch ID: BG60240 **General Method:** Semivolatile Organic Compounds by GC/MS
Prep Method: EPA 3550C

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-01	B-1-2'-4'	07/07/16	MGL
16F1183-02	B-2-2'-4'	07/07/16	MGL
16F1183-05	B-3-6'-8'	07/07/16	MGL
16F1183-06	B-4-2'-4'	07/07/16	MGL
16F1183-07	B-4-7'-9'	07/07/16	MGL
16F1183-41	B-26-6'-8'	07/07/16	MGL
16F1183-42	B-27-1'-3'	07/07/16	MGL
16F1183-43	B-28-1'-3'	07/07/16	MGL
BG60240-BLK1	Blank	07/07/16	MGL
BG60240-BS1	LCS	07/07/16	MGL
BG60240-BSD1	LCS Dup	07/07/16	MGL



Batch ID: BG60254 **General Method:** Volatile Organic Compounds by GC/MS
Prep Method: EPA 5035A

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-13	B-9-1'-3'	07/07/16	BGS
16F1183-14	B-10-2'-4'	07/07/16	BGS
16F1183-15	B-10-5'-7'	07/07/16	BGS
16F1183-16	B-11-2'-4'	07/07/16	BGS
16F1183-17	B-12-2'-4'	07/07/16	BGS
16F1183-18	B-12-5'-7'	07/07/16	BGS
16F1183-19	B-13-3'-5'	07/07/16	BGS
16F1183-20	B-13-7'-9'	07/07/16	BGS
16F1183-21	B-14-2'-4'	07/07/16	BGS
16F1183-22	B-14-5'-7'	07/07/16	BGS
16F1183-23	B-15-2'-4'	07/07/16	BGS
16F1183-24	B-16-2'-4'	07/07/16	BGS
16F1183-25	B-16-5'-7'	07/07/16	BGS
16F1183-26	B-17-2'-4'	07/07/16	BGS
16F1183-27	B-17-8'-10'	07/07/16	BGS
BG60254-BLK1	Blank	07/07/16	BGS
BG60254-BS1	LCS	07/07/16	BGS
BG60254-BSD1	LCS Dup	07/07/16	BGS

Batch ID: BG60265 **General Method:** Mercury by EPA 7000/200 Series Methods
Prep Method: EPA 7473 water

YORK Sample ID	Client Sample ID	Preparation Date	Prepared By
16F1183-39	B-25-2'-4'	07/08/16	ALD
16F1183-40	B-26-1'-3'	07/08/16	ALD
16F1183-41	B-26-6'-8'	07/08/16	ALD
16F1183-42	B-27-1'-3'	07/08/16	ALD
16F1183-43	B-28-1'-3'	07/08/16	ALD
BG60265-BLK1	Blank	07/08/16	ALD
BG60265-DUP1	Duplicate	07/08/16	ALD
BG60265-MS1	Matrix Spike	07/08/16	ALD
BG60265-SRM1	Reference	07/08/16	ALD



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 BG60128 - EPA 5035A

Blank (BG60128-BLK1)

Prepared & Analyzed: 07/06/2016

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
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 Methacrylate	ND	0.0050	"								



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit							Units	
Batch BG60128 - EPA 5035A										
Blank (BG60128-BLK1)										
Prepared & Analyzed: 07/06/2016										
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/kg wet							
Methylene chloride	ND	0.010	"							
Naphthalene	ND	0.010	"							
n-Butylbenzene	ND	0.0050	"							
n-Propylbenzene	ND	0.0050	"							
o-Xylene	ND	0.0050	"							
p- & m- Xylenes	ND	0.010	"							
p-Isopropyltoluene	ND	0.0050	"							
sec-Butylbenzene	ND	0.0050	"							
Styrene	ND	0.0050	"							
tert-Butylbenzene	ND	0.0050	"							
Tetrachloroethylene	ND	0.0050	"							
Tetrahydrofuran	ND	0.010	"							
Toluene	ND	0.0050	"							
trans-1,2-Dichloroethylene	ND	0.0050	"							
trans-1,3-Dichloropropylene	ND	0.0050	"							
trans-1,4-dichloro-2-butene	ND	0.0050	"							
Trichloroethylene	ND	0.0050	"							
Trichlorofluoromethane	ND	0.0050	"							
Vinyl Chloride	ND	0.0050	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	53.5		ug/L	50.0		107		70-130		
<i>Surrogate: Toluene-d8</i>	49.9		"	50.0		99.8		70-130		
<i>Surrogate: p-Bromofluorobenzene</i>	48.4		"	50.0		96.7		70-130		
LCS (BG60128-BS1)										
Prepared & Analyzed: 07/06/2016										
1,1,1,2-Tetrachloroethane	56.0		ug/L	50.0		112		70-130		
1,1,1-Trichloroethane	58.0		"	50.0		116		70-130		
1,1,2,2-Tetrachloroethane	50.9		"	50.0		102		70-130		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.4		"	50.0		98.9		70-130		
1,1,2-Trichloroethane	52.9		"	50.0		106		70-130		
1,1-Dichloroethane	53.1		"	50.0		106		70-130		
1,1-Dichloroethylene	48.7		"	50.0		97.5		70-130		
1,1-Dichloropropylene	54.6		"	50.0		109		70-130		
1,2,3-Trichlorobenzene	56.6		"	50.0		113		70-130		
1,2,3-Trichloropropane	55.4		"	50.0		111		70-130		
1,2,4-Trichlorobenzene	54.9		"	50.0		110		70-130		
1,2,4-Trimethylbenzene	54.4		"	50.0		109		70-130		
1,2-Dibromo-3-chloropropane	52.4		"	50.0		105		70-130		
1,2-Dibromoethane	56.3		"	50.0		113		70-130		
1,2-Dichlorobenzene	50.3		"	50.0		101		70-130		
1,2-Dichloroethane	56.2		"	50.0		112		70-130		
1,2-Dichloropropane	54.0		"	50.0		108		70-130		
1,3,5-Trimethylbenzene	55.4		"	50.0		111		70-130		
1,3-Dichlorobenzene	51.5		"	50.0		103		70-130		
1,3-Dichloropropane	54.4		"	50.0		109		70-130		
1,4-Dichlorobenzene	50.4		"	50.0		101		70-130		
2,2-Dichloropropane	55.8		"	50.0		112		70-130		
2-Butanone	53.5		"	50.0		107		70-130		
2-Chlorotoluene	51.5		"	50.0		103		70-130		
2-Hexanone	51.5		"	50.0		103		70-130		
4-Chlorotoluene	51.9		"	50.0		104		70-130		



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 BG60128 - EPA 5035A										
LCS (BG60128-BS1)										
Prepared & Analyzed: 07/06/2016										
4-Methyl-2-pentanone	53.8		ug/L	50.0		108	70-130			
Acetone	52.1		"	50.0		104	70-130			
Acrylonitrile	52.2		"	50.0		104	70-130			
Benzene	54.0		"	50.0		108	70-130			
Bromobenzene	51.7		"	50.0		103	70-130			
Bromochloromethane	50.1		"	50.0		100	70-130			
Bromodichloromethane	56.8		"	50.0		114	70-130			
Bromoform	54.8		"	50.0		110	70-130			
Bromomethane	51.5		"	50.0		103	70-130			
Carbon disulfide	50.5		"	50.0		101	70-130			
Carbon tetrachloride	59.1		"	50.0		118	70-130			
Chlorobenzene	52.1		"	50.0		104	70-130			
Chloroethane	50.5		"	50.0		101	70-130			
Chloroform	55.8		"	50.0		112	70-130			
Chloromethane	51.3		"	50.0		103	70-130			
cis-1,2-Dichloroethylene	52.5		"	50.0		105	70-130			
cis-1,3-Dichloropropylene	54.3		"	50.0		109	70-130			
Dibromochloromethane	54.4		"	50.0		109	70-130			
Dibromomethane	56.0		"	50.0		112	70-130			
Dichlorodifluoromethane	54.3		"	50.0		109	70-130			
Ethyl Benzene	55.2		"	50.0		110	70-130			
Hexachlorobutadiene	52.0		"	50.0		104	70-130			
Isopropylbenzene	50.6		"	50.0		101	70-130			
Methyl Methacrylate	52.9		"	50.0		106	70-130			
Methyl tert-butyl ether (MTBE)	52.7		"	50.0		105	70-130			
Methylene chloride	48.6		"	50.0		97.1	70-130			
Naphthalene	62.4		"	50.0		125	70-130			
n-Butylbenzene	55.4		"	50.0		111	70-130			
n-Propylbenzene	51.2		"	50.0		102	70-130			
o-Xylene	52.6		"	50.0		105	70-130			
p- & m- Xylenes	108		"	100		108	70-130			
p-Isopropyltoluene	53.9		"	50.0		108	70-130			
sec-Butylbenzene	50.3		"	50.0		101	70-130			
Styrene	57.9		"	50.0		116	70-130			
tert-Butylbenzene	51.6		"	50.0		103	70-130			
Tetrachloroethylene	57.1		"	50.0		114	70-130			
Tetrahydrofuran	46.2		"	50.0		92.4	70-130			
Toluene	55.4		"	50.0		111	70-130			
trans-1,2-Dichloroethylene	52.3		"	50.0		105	70-130			
trans-1,3-Dichloropropylene	54.8		"	50.0		110	70-130			
trans-1,4-dichloro-2-butene	53.3		"	50.0		107	70-130			
Trichloroethylene	54.2		"	50.0		108	70-130			
Trichlorofluoromethane	43.5		"	50.0		86.9	70-130			
Vinyl Chloride	51.4		"	50.0		103	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>53.6</i>		<i>"</i>	<i>50.0</i>		<i>107</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>51.0</i>		<i>"</i>	<i>50.0</i>		<i>102</i>	<i>70-130</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>49.5</i>		<i>"</i>	<i>50.0</i>		<i>99.1</i>	<i>70-130</i>			



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 BG60128 - EPA 5035A										
LCS Dup (BG60128-BSD1)										
							Prepared & Analyzed: 07/06/2016			
1,1,1,2-Tetrachloroethane	57.1		ug/L	50.0	114	70-130			2.09	30
1,1,1-Trichloroethane	58.2		"	50.0	116	70-130			0.275	30
1,1,2,2-Tetrachloroethane	52.6		"	50.0	105	70-130			3.32	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.5		"	50.0	99.1	70-130			0.182	30
1,1,2-Trichloroethane	53.7		"	50.0	107	70-130			1.65	30
1,1-Dichloroethane	53.5		"	50.0	107	70-130			0.788	30
1,1-Dichloroethylene	53.8		"	50.0	108	70-130			9.87	30
1,1-Dichloropropylene	52.9		"	50.0	106	70-130			3.24	30
1,2,3-Trichlorobenzene	58.8		"	50.0	118	70-130			3.66	30
1,2,3-Trichloropropane	53.8		"	50.0	108	70-130			2.86	30
1,2,4-Trichlorobenzene	58.6		"	50.0	117	70-130			6.45	30
1,2,4-Trimethylbenzene	57.6		"	50.0	115	70-130			5.61	30
1,2-Dibromo-3-chloropropane	54.5		"	50.0	109	70-130			3.93	30
1,2-Dibromoethane	54.0		"	50.0	108	70-130			4.13	30
1,2-Dichlorobenzene	51.3		"	50.0	103	70-130			2.01	30
1,2-Dichloroethane	56.7		"	50.0	113	70-130			1.03	30
1,2-Dichloropropane	53.0		"	50.0	106	70-130			2.02	30
1,3,5-Trimethylbenzene	55.8		"	50.0	112	70-130			0.665	30
1,3-Dichlorobenzene	53.4		"	50.0	107	70-130			3.61	30
1,3-Dichloropropane	54.7		"	50.0	109	70-130			0.513	30
1,4-Dichlorobenzene	51.3		"	50.0	103	70-130			1.85	30
2,2-Dichloropropane	56.5		"	50.0	113	70-130			1.32	30
2-Butanone	50.5		"	50.0	101	70-130			5.67	30
2-Chlorotoluene	53.1		"	50.0	106	70-130			2.94	30
2-Hexanone	51.4		"	50.0	103	70-130			0.155	30
4-Chlorotoluene	52.4		"	50.0	105	70-130			0.997	30
4-Methyl-2-pentanone	52.7		"	50.0	105	70-130			2.08	30
Acetone	56.1		"	50.0	112	70-130			7.34	30
Acrylonitrile	51.2		"	50.0	102	70-130			1.88	30
Benzene	55.0		"	50.0	110	70-130			1.69	30
Bromobenzene	53.2		"	50.0	106	70-130			2.95	30
Bromochloromethane	50.5		"	50.0	101	70-130			0.776	30
Bromodichloromethane	57.2		"	50.0	114	70-130			0.579	30
Bromoform	56.2		"	50.0	112	70-130			2.54	30
Bromomethane	50.9		"	50.0	102	70-130			1.19	30
Carbon disulfide	49.2		"	50.0	98.3	70-130			2.79	30
Carbon tetrachloride	59.3		"	50.0	119	70-130			0.287	30
Chlorobenzene	52.8		"	50.0	106	70-130			1.30	30
Chloroethane	50.8		"	50.0	102	70-130			0.553	30
Chloroform	56.6		"	50.0	113	70-130			1.39	30
Chloromethane	51.8		"	50.0	104	70-130			0.931	30
cis-1,2-Dichloroethylene	52.6		"	50.0	105	70-130			0.114	30
cis-1,3-Dichloropropylene	54.5		"	50.0	109	70-130			0.441	30
Dibromochloromethane	56.2		"	50.0	112	70-130			3.18	30
Dibromomethane	54.8		"	50.0	110	70-130			2.19	30
Dichlorodifluoromethane	53.4		"	50.0	107	70-130			1.67	30
Ethyl Benzene	55.7		"	50.0	111	70-130			0.902	30
Hexachlorobutadiene	54.7		"	50.0	109	70-130			5.00	30
Isopropylbenzene	51.9		"	50.0	104	70-130			2.55	30
Methyl Methacrylate	49.0		"	50.0	98.0	70-130			7.73	30
Methyl tert-butyl ether (MTBE)	51.1		"	50.0	102	70-130			3.10	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 BG60128 - EPA 5035A

LCS Dup (BG60128-BSD1)

Prepared & Analyzed: 07/06/2016

Methylene chloride	46.9		ug/L	50.0		93.9	70-130		3.41	30	
Naphthalene	65.0		"	50.0		130	70-130		4.03	30	
n-Butylbenzene	56.8		"	50.0		114	70-130		2.51	30	
n-Propylbenzene	52.3		"	50.0		105	70-130		2.11	30	
o-Xylene	53.6		"	50.0		107	70-130		1.81	30	
p- & m- Xylenes	109		"	100		109	70-130		1.29	30	
p-Isopropyltoluene	56.5		"	50.0		113	70-130		4.76	30	
sec-Butylbenzene	51.4		"	50.0		103	70-130		2.16	30	
Styrene	58.7		"	50.0		117	70-130		1.30	30	
tert-Butylbenzene	54.7		"	50.0		109	70-130		5.68	30	
Tetrachloroethylene	57.0		"	50.0		114	70-130		0.228	30	
Tetrahydrofuran	44.2		"	50.0		88.4	70-130		4.45	30	
Toluene	55.1		"	50.0		110	70-130		0.634	30	
trans-1,2-Dichloroethylene	51.7		"	50.0		103	70-130		1.23	30	
trans-1,3-Dichloropropylene	54.6		"	50.0		109	70-130		0.421	30	
trans-1,4-dichloro-2-butene	54.6		"	50.0		109	70-130		2.32	30	
Trichloroethylene	53.5		"	50.0		107	70-130		1.15	30	
Trichlorofluoromethane	53.8		"	50.0		108	70-130		21.2	30	
Vinyl Chloride	51.2		"	50.0		102	70-130		0.370	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>51.2</i>		<i>"</i>	<i>50.0</i>		<i>102</i>	<i>70-130</i>				
<i>Surrogate: Toluene-d8</i>	<i>50.0</i>		<i>"</i>	<i>50.0</i>		<i>100</i>	<i>70-130</i>				
<i>Surrogate: p-Bromofluorobenzene</i>	<i>48.2</i>		<i>"</i>	<i>50.0</i>		<i>96.5</i>	<i>70-130</i>				

Batch BG60131 - EPA 5030B

Blank (BG60131-BLK1)

Prepared & Analyzed: 07/06/2016

1,1,1-Trichloroethane	ND	0.50	ug/L								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2-Chloroethylvinyl ether	ND	20	"								
Acrolein	ND	10	"								
Acrylonitrile	ND	10	"								
Benzene	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	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	"								
Dibromochloromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								



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 BG60131 - EPA 5030B										
Blank (BG60131-BLK1)										
Prepared & Analyzed: 07/06/2016										
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L							
Methylene chloride	ND	2.0	"							
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	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.6</i>		<i>"</i>	<i>10.0</i>		<i>106</i>	<i>69-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.59</i>		<i>"</i>	<i>10.0</i>		<i>95.9</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>			
LCS (BG60131-BS1)										
Prepared & Analyzed: 07/06/2016										
1,1,1-Trichloroethane	11		ug/L	10.0		110	78-136			
1,1,2,2-Tetrachloroethane	11		"	10.0		107	76-129			
1,1,2-Trichloroethane	11		"	10.0		107	82-123			
1,1-Dichloroethane	11		"	10.0		108	82-129			
1,1-Dichloroethylene	11		"	10.0		108	68-138			
1,2-Dichlorobenzene	10		"	10.0		104	79-123			
1,2-Dichloroethane	11		"	10.0		109	73-132			
1,2-Dichloropropane	10		"	10.0		102	78-126			
1,3-Dichlorobenzene	10		"	10.0		103	86-122			
1,4-Dichlorobenzene	11		"	10.0		105	84-124			
2-Chloroethylvinyl ether	0.0		"	10.0			10-201	Low Bias		
Acrolein	10		"	10.0		103	10-200			
Acrylonitrile	7.6		"	10.0		76.0	49-160			
Benzene	11		"	10.0		108	85-126			
Bromodichloromethane	11		"	10.0		109	79-128			
Bromoform	12		"	10.0		118	78-133			
Bromomethane	9.0		"	10.0		90.4	43-168			
Carbon tetrachloride	11		"	10.0		110	77-141			
Chlorobenzene	10		"	10.0		101	88-120			
Chloroethane	9.9		"	10.0		99.4	65-136			
Chloroform	11		"	10.0		109	82-128			
Chloromethane	11		"	10.0		108	43-155			
cis-1,2-Dichloroethylene	11		"	10.0		113	83-129			
cis-1,3-Dichloropropylene	12		"	10.0		115	79-131			
Dibromochloromethane	11		"	10.0		111	80-130			
Ethyl Benzene	11		"	10.0		107	80-131			
Methyl tert-butyl ether (MTBE)	12		"	10.0		116	76-135			
Methylene chloride	10		"	10.0		102	55-137			
Tetrachloroethylene	9.6		"	10.0		96.2	82-131			
Toluene	10		"	10.0		103	79-127			
trans-1,2-Dichloroethylene	11		"	10.0		106	80-132			
trans-1,3-Dichloropropylene	12		"	10.0		115	78-131			
Trichloroethylene	10		"	10.0		102	82-128			
Trichlorofluoromethane	11		"	10.0		109	67-139			
Vinyl Chloride	10		"	10.0		104	58-145			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>69-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>9.81</i>		<i>"</i>	<i>10.0</i>		<i>98.1</i>	<i>81-117</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
Batch BG60131 - EPA 5030B											
LCS (BG60131-BS1)											
Prepared & Analyzed: 07/06/2016											
<i>Surrogate: p-Bromofluorobenzene</i>	10.1		ug/L	10.0		101	79-122				
LCS Dup (BG60131-BSD1)											
Prepared & Analyzed: 07/06/2016											
1,1,1-Trichloroethane	11		ug/L	10.0		108	78-136		2.38	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		106	76-129		1.13	30	
1,1,2-Trichloroethane	11		"	10.0		110	82-123		2.95	30	
1,1-Dichloroethane	11		"	10.0		105	82-129		2.91	30	
1,1-Dichloroethylene	11		"	10.0		105	68-138		2.81	30	
1,2-Dichlorobenzene	10		"	10.0		103	79-123		1.25	30	
1,2-Dichloroethane	11		"	10.0		111	73-132		1.45	30	
1,2-Dichloropropane	10		"	10.0		102	78-126		0.687	30	
1,3-Dichlorobenzene	9.9		"	10.0		98.7	86-122		4.26	30	
1,4-Dichlorobenzene	10		"	10.0		102	84-124		3.09	30	
2-Chloroethylvinyl ether	0.0		"	10.0			10-201	Low Bias		30	
Acrolein	10		"	10.0		103	10-200		0.583	30	
Acrylonitrile	11		"	10.0		114	49-160		40.1	30	Non-dir.
Benzene	11		"	10.0		106	85-126		1.68	30	
Bromodichloromethane	11		"	10.0		110	79-128		0.274	30	
Bromoform	12		"	10.0		124	78-133		4.89	30	
Bromomethane	7.9		"	10.0		79.0	43-168		13.5	30	
Carbon tetrachloride	11		"	10.0		109	77-141		1.18	30	
Chlorobenzene	10		"	10.0		99.7	88-120		1.20	30	
Chloroethane	9.6		"	10.0		95.9	65-136		3.58	30	
Chloroform	11		"	10.0		107	82-128		1.85	30	
Chloromethane	10		"	10.0		102	43-155		6.02	30	
cis-1,2-Dichloroethylene	11		"	10.0		111	83-129		1.96	30	
cis-1,3-Dichloropropylene	12		"	10.0		116	79-131		0.346	30	
Dibromochloromethane	11		"	10.0		114	80-130		2.50	30	
Ethyl Benzene	11		"	10.0		105	80-131		1.42	30	
Methyl tert-butyl ether (MTBE)	12		"	10.0		116	76-135		0.431	30	
Methylene chloride	10		"	10.0		101	55-137		0.691	30	
Tetrachloroethylene	9.4		"	10.0		94.5	82-131		1.78	30	
Toluene	10		"	10.0		103	79-127		0.388	30	
trans-1,2-Dichloroethylene	11		"	10.0		105	80-132		1.23	30	
trans-1,3-Dichloropropylene	12		"	10.0		118	78-131		2.83	30	
Trichloroethylene	10		"	10.0		99.8	82-128		1.89	30	
Trichlorofluoromethane	10		"	10.0		104	67-139		5.08	30	
Vinyl Chloride	10		"	10.0		101	58-145		2.84	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	10.4		"	10.0		104	69-130				
<i>Surrogate: Toluene-d8</i>	9.65		"	10.0		96.5	81-117				
<i>Surrogate: p-Bromofluorobenzene</i>	9.80		"	10.0		98.0	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
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Batch BG60173 - EPA 5035A

Blank (BG60173-BLK1)

Prepared & Analyzed: 07/06/2016

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.010	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
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 Methacrylate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								



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 BG60173 - EPA 5035A										
Blank (BG60173-BLK1)										
Prepared & Analyzed: 07/06/2016										
Methylene chloride	ND	0.010	mg/kg wet							
Naphthalene	ND	0.010	"							
n-Butylbenzene	ND	0.0050	"							
n-Propylbenzene	ND	0.0050	"							
o-Xylene	ND	0.0050	"							
p- & m- Xylenes	ND	0.010	"							
p-Isopropyltoluene	ND	0.0050	"							
sec-Butylbenzene	ND	0.0050	"							
Styrene	ND	0.0050	"							
tert-Butylbenzene	ND	0.0050	"							
Tetrachloroethylene	ND	0.0050	"							
Tetrahydrofuran	ND	0.010	"							
Toluene	ND	0.0050	"							
trans-1,2-Dichloroethylene	ND	0.0050	"							
trans-1,3-Dichloropropylene	ND	0.0050	"							
trans-1,4-dichloro-2-butene	ND	0.0050	"							
Trichloroethylene	ND	0.0050	"							
Trichlorofluoromethane	ND	0.0050	"							
Vinyl Chloride	ND	0.0050	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	39.6		ug/L	50.0		79.1	70-130			
<i>Surrogate: Toluene-d8</i>	53.2		"	50.0		106	70-130			
<i>Surrogate: p-Bromofluorobenzene</i>	45.0		"	50.0		90.0	70-130			
LCS (BG60173-BS1)										
Prepared & Analyzed: 07/06/2016										
1,1,1,2-Tetrachloroethane	48.7		ug/L	50.0		97.3	70-130			
1,1,1-Trichloroethane	41.2		"	50.0		82.3	70-130			
1,1,2,2-Tetrachloroethane	58.1		"	50.0		116	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.7		"	50.0		87.5	70-130			
1,1,2-Trichloroethane	54.3		"	50.0		109	70-130			
1,1-Dichloroethane	45.0		"	50.0		90.1	70-130			
1,1-Dichloroethylene	40.7		"	50.0		81.5	70-130			
1,1-Dichloropropylene	44.7		"	50.0		89.3	70-130			
1,2,3-Trichlorobenzene	49.5		"	50.0		99.0	70-130			
1,2,3-Trichloropropane	53.2		"	50.0		106	70-130			
1,2,4-Trichlorobenzene	48.6		"	50.0		97.1	70-130			
1,2,4-Trimethylbenzene	50.8		"	50.0		102	70-130			
1,2-Dibromo-3-chloropropane	54.2		"	50.0		108	70-130			
1,2-Dibromoethane	50.0		"	50.0		100	70-130			
1,2-Dichlorobenzene	50.7		"	50.0		101	70-130			
1,2-Dichloroethane	37.2		"	50.0		74.4	70-130			
1,2-Dichloropropane	52.1		"	50.0		104	70-130			
1,3,5-Trimethylbenzene	49.0		"	50.0		98.0	70-130			
1,3-Dichlorobenzene	51.0		"	50.0		102	70-130			
1,3-Dichloropropane	53.2		"	50.0		106	70-130			
1,4-Dichlorobenzene	52.4		"	50.0		105	70-130			
2,2-Dichloropropane	37.7		"	50.0		75.3	70-130			
2-Butanone	48.5		"	50.0		97.0	70-130			
2-Chlorotoluene	51.6		"	50.0		103	70-130			
2-Hexanone	53.2		"	50.0		106	70-130			
4-Chlorotoluene	49.9		"	50.0		99.8	70-130			
4-Methyl-2-pentanone	48.2		"	50.0		96.4	70-130			



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 BG60173 - EPA 5035A										
LCS (BG60173-BS1)										
Prepared & Analyzed: 07/06/2016										
Acetone	40.6		ug/L	50.0		81.3	70-130			
Acrylonitrile	51.9		"	50.0		104	70-130			
Benzene	49.2		"	50.0		98.3	70-130			
Bromobenzene	52.3		"	50.0		105	70-130			
Bromochloromethane	42.1		"	50.0		84.2	70-130			
Bromodichloromethane	48.2		"	50.0		96.3	70-130			
Bromoform	52.2		"	50.0		104	70-130			
Bromomethane	39.6		"	50.0		79.2	70-130			
Carbon disulfide	48.5		"	50.0		97.0	70-130			
Carbon tetrachloride	39.8		"	50.0		79.6	70-130			
Chlorobenzene	50.1		"	50.0		100	70-130			
Chloroethane	41.0		"	50.0		82.0	70-130			
Chloroform	43.6		"	50.0		87.1	70-130			
Chloromethane	48.8		"	50.0		97.5	70-130			
cis-1,2-Dichloroethylene	49.0		"	50.0		98.1	70-130			
cis-1,3-Dichloropropylene	49.6		"	50.0		99.3	70-130			
Dibromochloromethane	51.0		"	50.0		102	70-130			
Dibromomethane	49.1		"	50.0		98.2	70-130			
Dichlorodifluoromethane	19.5		"	50.0		39.1	70-130	Low Bias		
Ethyl Benzene	50.1		"	50.0		100	70-130			
Hexachlorobutadiene	51.1		"	50.0		102	70-130			
Isopropylbenzene	52.0		"	50.0		104	70-130			
Methyl Methacrylate	54.1		"	50.0		108	70-130			
Methyl tert-butyl ether (MTBE)	45.1		"	50.0		90.3	70-130			
Methylene chloride	41.5		"	50.0		83.1	70-130			
Naphthalene	57.8		"	50.0		116	70-130			
n-Butylbenzene	49.2		"	50.0		98.4	70-130			
n-Propylbenzene	52.7		"	50.0		105	70-130			
o-Xylene	49.1		"	50.0		98.1	70-130			
p- & m- Xylenes	98.8		"	100		98.8	70-130			
p-Isopropyltoluene	49.9		"	50.0		99.9	70-130			
sec-Butylbenzene	52.3		"	50.0		105	70-130			
Styrene	51.6		"	50.0		103	70-130			
tert-Butylbenzene	51.7		"	50.0		103	70-130			
Tetrachloroethylene	52.1		"	50.0		104	70-130			
Tetrahydrofuran	46.2		"	50.0		92.4	70-130			
Toluene	51.4		"	50.0		103	70-130			
trans-1,2-Dichloroethylene	42.0		"	50.0		84.1	70-130			
trans-1,3-Dichloropropylene	46.2		"	50.0		92.4	70-130			
trans-1,4-dichloro-2-butene	46.4		"	50.0		92.9	70-130			
Trichloroethylene	50.7		"	50.0		101	70-130			
Trichlorofluoromethane	35.3		"	50.0		70.7	70-130			
Vinyl Chloride	44.4		"	50.0		88.8	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>39.9</i>		<i>"</i>	<i>50.0</i>		<i>79.8</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>53.3</i>		<i>"</i>	<i>50.0</i>		<i>107</i>	<i>70-130</i>			
<i>Surrogate: p-Bromofluorobenzene</i>	<i>51.3</i>		<i>"</i>	<i>50.0</i>		<i>103</i>	<i>70-130</i>			



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 BG60173 - EPA 5035A										
LCS Dup (BG60173-BSD1)										
Prepared & Analyzed: 07/06/2016										
1,1,1,2-Tetrachloroethane	54.0		ug/L	50.0	108	70-130			10.4	30
1,1,1-Trichloroethane	45.4		"	50.0	90.8	70-130			9.84	30
1,1,2,2-Tetrachloroethane	53.3		"	50.0	107	70-130			8.51	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	47.8		"	50.0	95.7	70-130			8.95	30
1,1,2-Trichloroethane	59.2		"	50.0	118	70-130			8.67	30
1,1-Dichloroethane	48.7		"	50.0	97.5	70-130			7.87	30
1,1-Dichloroethylene	45.4		"	50.0	90.9	70-130			10.9	30
1,1-Dichloropropylene	48.1		"	50.0	96.3	70-130			7.46	30
1,2,3-Trichlorobenzene	53.7		"	50.0	107	70-130			8.18	30
1,2,3-Trichloropropane	55.1		"	50.0	110	70-130			3.45	30
1,2,4-Trichlorobenzene	51.7		"	50.0	103	70-130			6.24	30
1,2,4-Trimethylbenzene	53.8		"	50.0	108	70-130			5.58	30
1,2-Dibromo-3-chloropropane	57.0		"	50.0	114	70-130			5.04	30
1,2-Dibromoethane	55.5		"	50.0	111	70-130			10.3	30
1,2-Dichlorobenzene	54.0		"	50.0	108	70-130			6.38	30
1,2-Dichloroethane	39.8		"	50.0	79.6	70-130			6.70	30
1,2-Dichloropropane	58.0		"	50.0	116	70-130			10.7	30
1,3,5-Trimethylbenzene	52.2		"	50.0	104	70-130			6.30	30
1,3-Dichlorobenzene	53.0		"	50.0	106	70-130			3.81	30
1,3-Dichloropropane	56.0		"	50.0	112	70-130			5.16	30
1,4-Dichlorobenzene	55.0		"	50.0	110	70-130			4.80	30
2,2-Dichloropropane	40.0		"	50.0	80.0	70-130			5.95	30
2-Butanone	57.3		"	50.0	115	70-130			16.5	30
2-Chlorotoluene	52.3		"	50.0	105	70-130			1.37	30
2-Hexanone	59.2		"	50.0	118	70-130			10.7	30
4-Chlorotoluene	52.0		"	50.0	104	70-130			4.12	30
4-Methyl-2-pentanone	49.6		"	50.0	99.3	70-130			2.99	30
Acetone	59.8		"	50.0	120	70-130			38.2	30
Acrylonitrile	57.0		"	50.0	114	70-130			9.39	30
Benzene	53.2		"	50.0	106	70-130			7.97	30
Bromobenzene	54.5		"	50.0	109	70-130			4.12	30
Bromochloromethane	46.1		"	50.0	92.2	70-130			9.02	30
Bromodichloromethane	52.8		"	50.0	106	70-130			9.16	30
Bromoform	55.2		"	50.0	110	70-130			5.57	30
Bromomethane	43.6		"	50.0	87.2	70-130			9.54	30
Carbon disulfide	52.9		"	50.0	106	70-130			8.70	30
Carbon tetrachloride	44.0		"	50.0	88.1	70-130			10.1	30
Chlorobenzene	53.5		"	50.0	107	70-130			6.55	30
Chloroethane	46.8		"	50.0	93.5	70-130			13.1	30
Chloroform	48.7		"	50.0	97.4	70-130			11.2	30
Chloromethane	52.6		"	50.0	105	70-130			7.60	30
cis-1,2-Dichloroethylene	54.2		"	50.0	108	70-130			10.0	30
cis-1,3-Dichloropropylene	52.3		"	50.0	105	70-130			5.28	30
Dibromochloromethane	54.4		"	50.0	109	70-130			6.34	30
Dibromomethane	51.8		"	50.0	104	70-130			5.45	30
Dichlorodifluoromethane	45.1		"	50.0	90.2	70-130			79.1	30
Ethyl Benzene	53.7		"	50.0	107	70-130			7.09	30
Hexachlorobutadiene	52.5		"	50.0	105	70-130			2.74	30
Isopropylbenzene	53.6		"	50.0	107	70-130			3.09	30
Methyl Methacrylate	59.4		"	50.0	119	70-130			9.48	30
Methyl tert-butyl ether (MTBE)	50.8		"	50.0	102	70-130			11.7	30

Non-dir.

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 BG60173 - EPA 5035A

LCS Dup (BG60173-BSD1)

Prepared & Analyzed: 07/06/2016

Methylene chloride	44.8		ug/L	50.0		89.6	70-130		7.57	30	
Naphthalene	61.1		"	50.0		122	70-130		5.45	30	
n-Butylbenzene	52.1		"	50.0		104	70-130		5.78	30	
n-Propylbenzene	54.6		"	50.0		109	70-130		3.54	30	
o-Xylene	52.6		"	50.0		105	70-130		6.93	30	
p- & m- Xylenes	103		"	100		103	70-130		4.39	30	
p-Isopropyltoluene	53.6		"	50.0		107	70-130		7.00	30	
sec-Butylbenzene	54.1		"	50.0		108	70-130		3.38	30	
Styrene	55.0		"	50.0		110	70-130		6.36	30	
tert-Butylbenzene	48.7		"	50.0		97.4	70-130		5.88	30	
Tetrachloroethylene	86.0		"	50.0		172	70-130	High Bias	49.1	30	Non-dir.
Tetrahydrofuran	53.5		"	50.0		107	70-130		14.7	30	
Toluene	55.9		"	50.0		112	70-130		8.50	30	
trans-1,2-Dichloroethylene	46.4		"	50.0		92.9	70-130		9.97	30	
trans-1,3-Dichloropropylene	50.6		"	50.0		101	70-130		9.04	30	
trans-1,4-dichloro-2-butene	54.3		"	50.0		109	70-130		15.6	30	
Trichloroethylene	59.5		"	50.0		119	70-130		16.0	30	
Trichlorofluoromethane	39.6		"	50.0		79.3	70-130		11.4	30	
Vinyl Chloride	50.4		"	50.0		101	70-130		12.7	30	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	39.7		"	50.0		79.4	70-130				
<i>Surrogate: Toluene-d8</i>	54.3		"	50.0		109	70-130				
<i>Surrogate: p-Bromofluorobenzene</i>	49.2		"	50.0		98.5	70-130				

Batch BG60254 - EPA 5035A

Blank (BG60254-BLK1)

Prepared & Analyzed: 07/07/2016

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.010	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
		Limit			Result						
Batch BG60254 - EPA 5035A											
Blank (BG60254-BLK1)										Prepared & Analyzed: 07/07/2016	
4-Methyl-2-pentanone	ND	0.0050	mg/kg wet								
Acetone	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
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 Methacrylate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Tetrahydrofuran	ND	0.010	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	36.7		ug/L	50.0		73.4	70-130				
<i>Surrogate: Toluene-d8</i>	53.4		"	50.0		107	70-130				
<i>Surrogate: p-Bromofluorobenzene</i>	45.7		"	50.0		91.4	70-130				



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 BG60254 - EPA 5035A										
LCS (BG60254-BS1)										
Prepared & Analyzed: 07/07/2016										
1,1,1,2-Tetrachloroethane	48.5		ug/L	50.0		96.9	70-130			
1,1,1-Trichloroethane	42.8		"	50.0		85.6	70-130			
1,1,2,2-Tetrachloroethane	59.5		"	50.0		119	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	32.5		"	50.0		65.0	70-130	Low Bias		
1,1,2-Trichloroethane	56.4		"	50.0		113	70-130			
1,1-Dichloroethane	47.2		"	50.0		94.4	70-130			
1,1-Dichloroethylene	33.4		"	50.0		66.7	70-130	Low Bias		
1,1-Dichloropropylene	47.0		"	50.0		94.0	70-130			
1,2,3-Trichlorobenzene	51.8		"	50.0		104	70-130			
1,2,3-Trichloropropane	53.7		"	50.0		107	70-130			
1,2,4-Trichlorobenzene	50.5		"	50.0		101	70-130			
1,2,4-Trimethylbenzene	51.6		"	50.0		103	70-130			
1,2-Dibromo-3-chloropropane	56.6		"	50.0		113	70-130			
1,2-Dibromoethane	52.2		"	50.0		104	70-130			
1,2-Dichlorobenzene	51.6		"	50.0		103	70-130			
1,2-Dichloroethane	37.0		"	50.0		74.1	70-130			
1,2-Dichloropropane	55.9		"	50.0		112	70-130			
1,3,5-Trimethylbenzene	50.6		"	50.0		101	70-130			
1,3-Dichlorobenzene	52.1		"	50.0		104	70-130			
1,3-Dichloropropane	55.2		"	50.0		110	70-130			
1,4-Dichlorobenzene	53.0		"	50.0		106	70-130			
2,2-Dichloropropane	39.8		"	50.0		79.5	70-130			
2-Butanone	50.9		"	50.0		102	70-130			
2-Chlorotoluene	51.5		"	50.0		103	70-130			
2-Hexanone	58.0		"	50.0		116	70-130			
4-Chlorotoluene	51.4		"	50.0		103	70-130			
4-Methyl-2-pentanone	51.5		"	50.0		103	70-130			
Acetone	44.6		"	50.0		89.2	70-130			
Acrylonitrile	55.0		"	50.0		110	70-130			
Benzene	52.9		"	50.0		106	70-130			
Bromobenzene	52.3		"	50.0		105	70-130			
Bromochloromethane	45.0		"	50.0		90.1	70-130			
Bromodichloromethane	48.4		"	50.0		96.8	70-130			
Bromoform	51.0		"	50.0		102	70-130			
Bromomethane	45.8		"	50.0		91.6	70-130			
Carbon disulfide	53.9		"	50.0		108	70-130			
Carbon tetrachloride	40.7		"	50.0		81.3	70-130			
Chlorobenzene	52.5		"	50.0		105	70-130			
Chloroethane	44.2		"	50.0		88.3	70-130			
Chloroform	45.4		"	50.0		90.9	70-130			
Chloromethane	59.0		"	50.0		118	70-130			
cis-1,2-Dichloroethylene	51.8		"	50.0		104	70-130			
cis-1,3-Dichloropropylene	51.5		"	50.0		103	70-130			
Dibromochloromethane	50.5		"	50.0		101	70-130			
Dibromomethane	50.0		"	50.0		99.9	70-130			
Dichlorodifluoromethane	44.0		"	50.0		88.1	70-130			
Ethyl Benzene	51.1		"	50.0		102	70-130			
Hexachlorobutadiene	49.0		"	50.0		97.9	70-130			
Isopropylbenzene	52.4		"	50.0		105	70-130			
Methyl Methacrylate	58.4		"	50.0		117	70-130			
Methyl tert-butyl ether (MTBE)	47.7		"	50.0		95.4	70-130			



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 BG60254 - EPA 5035A										
LCS (BG60254-BS1)										
Prepared & Analyzed: 07/07/2016										
Methylene chloride	47.4		ug/L	50.0		94.9	70-130			
Naphthalene	58.1		"	50.0		116	70-130			
n-Butylbenzene	51.2		"	50.0		102	70-130			
n-Propylbenzene	54.1		"	50.0		108	70-130			
o-Xylene	49.5		"	50.0		99.0	70-130			
p- & m- Xylenes	101		"	100		101	70-130			
p-Isopropyltoluene	51.9		"	50.0		104	70-130			
sec-Butylbenzene	52.6		"	50.0		105	70-130			
Styrene	53.8		"	50.0		108	70-130			
tert-Butylbenzene	51.9		"	50.0		104	70-130			
Tetrachloroethylene	51.5		"	50.0		103	70-130			
Tetrahydrofuran	54.8		"	50.0		110	70-130			
Toluene	54.2		"	50.0		108	70-130			
trans-1,2-Dichloroethylene	45.6		"	50.0		91.2	70-130			
trans-1,3-Dichloropropylene	48.0		"	50.0		96.0	70-130			
trans-1,4-dichloro-2-butene	54.6		"	50.0		109	70-130			
Trichloroethylene	53.1		"	50.0		106	70-130			
Trichlorofluoromethane	38.2		"	50.0		76.4	70-130			
Vinyl Chloride	53.0		"	50.0		106	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	38.8		"	50.0		77.7	70-130			
<i>Surrogate: Toluene-d8</i>	52.9		"	50.0		106	70-130			
<i>Surrogate: p-Bromofluorobenzene</i>	49.1		"	50.0		98.3	70-130			
LCS Dup (BG60254-BSD1)										
Prepared & Analyzed: 07/07/2016										
1,1,1,2-Tetrachloroethane	48.1		ug/L	50.0		96.2	70-130		0.766	30
1,1,1-Trichloroethane	41.6		"	50.0		83.1	70-130		2.94	30
1,1,2,2-Tetrachloroethane	56.0		"	50.0		112	70-130		5.99	30
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	31.4		"	50.0		62.9	70-130	Low Bias	3.29	30
1,1,2-Trichloroethane	55.3		"	50.0		111	70-130		1.99	30
1,1-Dichloroethane	47.1		"	50.0		94.1	70-130		0.318	30
1,1-Dichloroethylene	31.5		"	50.0		63.0	70-130	Low Bias	5.67	30
1,1-Dichloropropylene	46.1		"	50.0		92.2	70-130		1.89	30
1,2,3-Trichlorobenzene	49.5		"	50.0		99.1	70-130		4.56	30
1,2,3-Trichloropropane	48.3		"	50.0		96.6	70-130		10.6	30
1,2,4-Trichlorobenzene	50.3		"	50.0		101	70-130		0.397	30
1,2,4-Trimethylbenzene	50.7		"	50.0		101	70-130		1.80	30
1,2-Dibromo-3-chloropropane	53.4		"	50.0		107	70-130		5.82	30
1,2-Dibromoethane	51.5		"	50.0		103	70-130		1.33	30
1,2-Dichlorobenzene	49.7		"	50.0		99.5	70-130		3.79	30
1,2-Dichloroethane	35.9		"	50.0		71.7	70-130		3.21	30
1,2-Dichloropropane	55.4		"	50.0		111	70-130		0.862	30
1,3,5-Trimethylbenzene	49.6		"	50.0		99.2	70-130		2.02	30
1,3-Dichlorobenzene	50.9		"	50.0		102	70-130		2.43	30
1,3-Dichloropropane	55.8		"	50.0		112	70-130		1.05	30
1,4-Dichlorobenzene	51.3		"	50.0		103	70-130		3.15	30
2,2-Dichloropropane	40.4		"	50.0		80.8	70-130		1.57	30
2-Butanone	52.7		"	50.0		105	70-130		3.51	30
2-Chlorotoluene	50.5		"	50.0		101	70-130		1.86	30
2-Hexanone	55.3		"	50.0		111	70-130		4.68	30
4-Chlorotoluene	50.0		"	50.0		100	70-130		2.72	30
4-Methyl-2-pentanone	50.4		"	50.0		101	70-130		2.08	30



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 BG60254 - EPA 5035A										
LCS Dup (BG60254-BSD1)										
Prepared & Analyzed: 07/07/2016										
Acetone	38.9		ug/L	50.0	77.8	70-130			13.6	30
Acrylonitrile	52.7		"	50.0	105	70-130			4.33	30
Benzene	52.4		"	50.0	105	70-130			0.836	30
Bromobenzene	51.7		"	50.0	103	70-130			1.12	30
Bromochloromethane	44.8		"	50.0	89.5	70-130			0.601	30
Bromodichloromethane	48.5		"	50.0	97.0	70-130			0.227	30
Bromoform	47.1		"	50.0	94.1	70-130			8.03	30
Bromomethane	42.6		"	50.0	85.2	70-130			7.22	30
Carbon disulfide	53.6		"	50.0	107	70-130			0.558	30
Carbon tetrachloride	39.7		"	50.0	79.4	70-130			2.39	30
Chlorobenzene	51.4		"	50.0	103	70-130			2.18	30
Chloroethane	40.2		"	50.0	80.3	70-130			9.49	30
Chloroform	44.5		"	50.0	88.9	70-130			2.20	30
Chloromethane	57.4		"	50.0	115	70-130			2.65	30
cis-1,2-Dichloroethylene	51.9		"	50.0	104	70-130			0.193	30
cis-1,3-Dichloropropylene	51.6		"	50.0	103	70-130			0.0388	30
Dibromochloromethane	50.3		"	50.0	101	70-130			0.516	30
Dibromomethane	50.3		"	50.0	101	70-130			0.619	30
Dichlorodifluoromethane	43.6		"	50.0	87.1	70-130			1.12	30
Ethyl Benzene	50.8		"	50.0	102	70-130			0.589	30
Hexachlorobutadiene	48.0		"	50.0	96.1	70-130			1.90	30
Isopropylbenzene	51.7		"	50.0	103	70-130			1.25	30
Methyl Methacrylate	58.7		"	50.0	117	70-130			0.564	30
Methyl tert-butyl ether (MTBE)	47.3		"	50.0	94.5	70-130			0.885	30
Methylene chloride	47.3		"	50.0	94.6	70-130			0.274	30
Naphthalene	57.1		"	50.0	114	70-130			1.74	30
n-Butylbenzene	50.5		"	50.0	101	70-130			1.40	30
n-Propylbenzene	52.5		"	50.0	105	70-130			3.10	30
o-Xylene	49.7		"	50.0	99.3	70-130			0.302	30
p- & m- Xylenes	98.8		"	100	98.8	70-130			2.66	30
p-Isopropyltoluene	49.7		"	50.0	99.5	70-130			4.19	30
sec-Butylbenzene	52.4		"	50.0	105	70-130			0.438	30
Styrene	52.8		"	50.0	106	70-130			1.84	30
tert-Butylbenzene	50.6		"	50.0	101	70-130			2.40	30
Tetrachloroethylene	51.3		"	50.0	103	70-130			0.350	30
Tetrahydrofuran	50.8		"	50.0	102	70-130			7.69	30
Toluene	53.5		"	50.0	107	70-130			1.34	30
trans-1,2-Dichloroethylene	45.5		"	50.0	91.0	70-130			0.219	30
trans-1,3-Dichloropropylene	48.4		"	50.0	96.7	70-130			0.727	30
trans-1,4-dichloro-2-butene	54.0		"	50.0	108	70-130			1.07	30
Trichloroethylene	52.8		"	50.0	106	70-130			0.661	30
Trichlorofluoromethane	38.2		"	50.0	76.4	70-130			0.105	30
Vinyl Chloride	53.7		"	50.0	107	70-130			1.24	30
<i>Surrogate: 1,2-Dichloroethane-d4</i>	38.7		"	50.0	77.4	70-130				
<i>Surrogate: Toluene-d8</i>	53.1		"	50.0	106	70-130				
<i>Surrogate: p-Bromofluorobenzene</i>	47.6		"	50.0	95.1	70-130				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG60035 - EPA 3510C

Blank (BG60035-BLK1)

Prepared: 07/01/2016 Analyzed: 07/05/2016

1,2,4-Trichlorobenzene	ND	5.00	ug/L								
1,2-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3,3'-Dichlorobenzidine	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-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
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	"								
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	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG60035 - EPA 3510C

Blank (BG60035-BLK1)

Prepared: 07/01/2016 Analyzed: 07/05/2016

Naphthalene	ND	0.0500	ug/L								
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	"								
<i>Surrogate: 2-Fluorophenol</i>	17.4		"	75.4		23.1	10-53				
<i>Surrogate: Phenol-d5</i>	11.3		"	75.2		15.0	10-39				
<i>Surrogate: Nitrobenzene-d5</i>	30.6		"	50.2		60.9	10-120				
<i>Surrogate: 2-Fluorobiphenyl</i>	32.3		"	50.2		64.4	10-108				
<i>Surrogate: 2,4,6-Tribromophenol</i>	62.3		"	75.2		82.9	10-150				
<i>Surrogate: Terphenyl-d14</i>	32.2		"	50.2		64.2	10-143				

Blank (BG60035-BLK2)

Prepared: 07/01/2016 Analyzed: 07/06/2016

1,2,4-Trichlorobenzene	ND	5.00	ug/L								
1,2-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3,3'-Dichlorobenzidine	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-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
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	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG60035 - EPA 3510C

Blank (BG60035-BLK2)

Prepared: 07/01/2016 Analyzed: 07/06/2016

Bis(2-chloroethyl)ether	ND	5.00	ug/L								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
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	0.00		"	75.4			10-53				
Surrogate: Phenol-d5	0.00		"	75.2			10-39				
Surrogate: Nitrobenzene-d5	0.00		"	50.2			10-120				
Surrogate: 2-Fluorobiphenyl	0.00		"	50.2			10-108				
Surrogate: 2,4,6-Tribromophenol	0.00		"	75.2			10-150				
Surrogate: Terphenyl-d14	0.00		"	50.2			10-143				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	Limit	Flag
		Limit			Result				RPD		
Batch BG60035 - EPA 3510C											
LCS (BG60035-BS1)											
Prepared: 07/01/2016 Analyzed: 07/05/2016											
1,2,4-Trichlorobenzene	33.9	5.00	ug/L	50.0		67.9	35-91				
1,2-Dichlorobenzene	32.1	5.00	"	50.0		64.2	42-85				
1,3-Dichlorobenzene	32.2	5.00	"	50.0		64.4	45-80				
1,4-Dichlorobenzene	31.3	5.00	"	50.0		62.6	42-82				
2,4,5-Trichlorophenol	35.1	5.00	"	50.0		70.3	36-112				
2,4,6-Trichlorophenol	38.6	5.00	"	50.0		77.3	41-107				
2,4-Dichlorophenol	32.1	5.00	"	50.0		64.3	43-92				
2,4-Dimethylphenol	26.7	5.00	"	50.0		53.4	25-92				
2,4-Dinitrophenol	36.7	5.00	"	50.0		73.3	10-149				
2,4-Dinitrotoluene	37.9	5.00	"	50.0		75.8	41-114				
2,6-Dinitrotoluene	38.1	5.00	"	50.0		76.2	49-106				
2-Chloronaphthalene	32.1	5.00	"	50.0		64.2	40-96				
2-Chlorophenol	25.9	5.00	"	50.0		51.9	35-84				
2-Methylnaphthalene	32.3	5.00	"	50.0		64.6	27-97				
2-Nitrophenol	29.1	5.00	"	50.0		58.1	37-97				
3,3'-Dichlorobenzidine	47.7	5.00	"	50.0		95.5	25-155				
4,6-Dinitro-2-methylphenol	41.3	5.00	"	50.0		82.5	10-135				
4-Bromophenyl phenyl ether	37.9	5.00	"	50.0		75.8	38-116				
4-Chloro-3-methylphenol	31.2	5.00	"	50.0		62.4	28-101				
4-Chlorophenyl phenyl ether	39.4	5.00	"	50.0		78.8	34-112				
4-Nitrophenol	13.9	5.00	"	50.0		27.8	10-112				
Acenaphthene	33.3	0.0500	"	50.0		66.5	24-114				
Acenaphthylene	32.0	0.0500	"	50.0		63.9	26-112				
Aniline	18.4	5.00	"	50.0		36.8	10-132				
Anthracene	35.3	0.0500	"	50.0		70.6	35-114				
Benzo(a)anthracene	40.5	0.0500	"	50.0		81.1	38-127				
Benzo(a)pyrene	36.2	0.0500	"	50.0		72.4	30-146				
Benzo(b)fluoranthene	38.1	0.0500	"	50.0		76.2	36-145				
Benzo(g,h,i)perylene	46.3	0.0500	"	50.0		92.6	10-163				
Benzo(k)fluoranthene	31.8	0.0500	"	50.0		63.7	16-149				
Benzyl alcohol	21.9	5.00	"	50.0		43.8	11-82				
Benzyl butyl phthalate	31.7	5.00	"	50.0		63.3	28-129				
Bis(2-chloroethoxy)methane	27.5	5.00	"	50.0		54.9	27-112				
Bis(2-chloroethyl)ether	26.9	5.00	"	50.0		53.8	24-114				
Bis(2-chloroisopropyl)ether	24.0	5.00	"	50.0		48.0	21-124				
Bis(2-ethylhexyl)phthalate	38.8	0.500	"	50.0		77.7	10-171				
Chrysene	34.1	0.0500	"	50.0		68.3	33-120				
Dibenzo(a,h)anthracene	47.1	0.0500	"	50.0		94.2	10-149				
Diethyl phthalate	34.4	5.00	"	50.0		68.9	38-112				
Dimethyl phthalate	35.7	5.00	"	50.0		71.4	49-106				
Di-n-butyl phthalate	32.0	5.00	"	50.0		63.9	36-110				
Di-n-octyl phthalate	28.9	5.00	"	50.0		57.8	12-149				
Fluoranthene	38.3	0.0500	"	50.0		76.5	33-126				
Fluorene	35.5	0.0500	"	50.0		71.0	28-117				
Hexachlorobenzene	32.8	0.0200	"	50.0		65.6	27-120				
Hexachlorobutadiene	40.4	0.500	"	50.0		80.7	25-106				
Hexachlorocyclopentadiene	32.2	5.00	"	50.0		64.4	10-99				
Hexachloroethane	33.2	0.500	"	50.0		66.3	33-84				
Indeno(1,2,3-cd)pyrene	45.3	0.0500	"	50.0		90.7	10-150				
Isophorone	29.3	5.00	"	50.0		58.6	29-115				
Naphthalene	32.0	0.0500	"	50.0		64.0	30-99				



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 BG60035 - EPA 3510C

LCS (BG60035-BS1)

Prepared: 07/01/2016 Analyzed: 07/05/2016

Nitrobenzene	29.8	0.250	ug/L	50.0		59.7	32-113				
N-Nitrosodimethylamine	11.9	0.500	"	50.0		23.7	10-63				
N-nitroso-di-n-propylamine	31.1	5.00	"	50.0		62.2	36-118				
N-Nitrosodiphenylamine	38.5	5.00	"	50.0		77.0	27-145				
Pentachlorophenol	39.8	0.250	"	50.0		79.5	19-127				
Phenanthrene	36.5	0.0500	"	50.0		72.9	31-112				
Phenol	9.40	5.00	"	50.0		18.8	10-37				
Pyrene	38.5	0.0500	"	50.0		77.1	42-125				
<i>Surrogate: 2-Fluorophenol</i>	<i>18.4</i>		<i>"</i>	<i>75.4</i>		<i>24.4</i>	<i>10-53</i>				
<i>Surrogate: Phenol-d5</i>	<i>12.4</i>		<i>"</i>	<i>75.2</i>		<i>16.4</i>	<i>10-39</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>30.2</i>		<i>"</i>	<i>50.2</i>		<i>60.1</i>	<i>10-120</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>33.2</i>		<i>"</i>	<i>50.2</i>		<i>66.2</i>	<i>10-108</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>63.7</i>		<i>"</i>	<i>75.2</i>		<i>84.7</i>	<i>10-150</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>29.7</i>		<i>"</i>	<i>50.2</i>		<i>59.2</i>	<i>10-143</i>				

LCS (BG60035-BS2)

Prepared: 07/01/2016 Analyzed: 07/06/2016

1,2,4-Trichlorobenzene	ND	5.00	ug/L				35-91				
1,2-Dichlorobenzene	ND	5.00	"				42-85				
1,3-Dichlorobenzene	ND	5.00	"				45-80				
1,4-Dichlorobenzene	ND	5.00	"				42-82				
2,4,5-Trichlorophenol	ND	5.00	"				36-112				
2,4,6-Trichlorophenol	ND	5.00	"				41-107				
2,4-Dichlorophenol	ND	5.00	"				43-92				
2,4-Dimethylphenol	ND	5.00	"				25-92				
2,4-Dinitrophenol	ND	5.00	"				10-149				
2,4-Dinitrotoluene	ND	5.00	"				41-114				
2,6-Dinitrotoluene	ND	5.00	"				49-106				
2-Chloronaphthalene	ND	5.00	"				40-96				
2-Chlorophenol	ND	5.00	"				35-84				
2-Methylnaphthalene	ND	5.00	"				27-97				
2-Nitrophenol	ND	5.00	"				37-97				
3,3'-Dichlorobenzidine	ND	5.00	"				25-155				
4,6-Dinitro-2-methylphenol	ND	5.00	"				10-135				
4-Bromophenyl phenyl ether	ND	5.00	"				38-116				
4-Chloro-3-methylphenol	ND	5.00	"				28-101				
4-Chlorophenyl phenyl ether	ND	5.00	"				34-112				
4-Nitrophenol	ND	5.00	"				10-112				
Acenaphthene	0.470	0.0500	"	1.00		47.0	24-114				
Acenaphthylene	0.520	0.0500	"	1.00		52.0	26-112				
Aniline	ND	5.00	"				10-132				
Anthracene	0.480	0.0500	"	1.00		48.0	35-114				
Benzo(a)anthracene	0.660	0.0500	"	1.00		66.0	38-127				
Benzo(a)pyrene	0.490	0.0500	"	1.00		49.0	30-146				
Benzo(b)fluoranthene	0.860	0.0500	"	1.00		86.0	36-145				
Benzo(g,h,i)perylene	0.590	0.0500	"	1.00		59.0	10-163				
Benzo(k)fluoranthene	0.580	0.0500	"	1.00		58.0	16-149				
Benzyl alcohol	ND	5.00	"				11-82				
Benzyl butyl phthalate	ND	5.00	"				28-129				
Bis(2-chloroethoxy)methane	ND	5.00	"				27-112				
Bis(2-chloroethyl)ether	ND	5.00	"				24-114				
Bis(2-chloroisopropyl)ether	ND	5.00	"				21-124				



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 BG60035 - EPA 3510C

LCS (BG60035-BS2)

Prepared: 07/01/2016 Analyzed: 07/06/2016

Bis(2-ethylhexyl)phthalate	ND	0.500	ug/L				10-171				
Chrysene	0.510	0.0500	"	1.00		51.0	33-120				
Dibenzo(a,h)anthracene	0.580	0.0500	"	1.00		58.0	10-149				
Diethyl phthalate	ND	5.00	"				38-112				
Dimethyl phthalate	ND	5.00	"				49-106				
Di-n-butyl phthalate	ND	5.00	"				36-110				
Di-n-octyl phthalate	ND	5.00	"				12-149				
Fluoranthene	0.550	0.0500	"	1.00		55.0	33-126				
Fluorene	0.500	0.0500	"	1.00		50.0	28-117				
Hexachlorobenzene	ND	0.0200	"				27-120				
Hexachlorobutadiene	ND	0.500	"				25-106				
Hexachlorocyclopentadiene	ND	5.00	"				10-99				
Hexachloroethane	ND	0.500	"				33-84				
Indeno(1,2,3-cd)pyrene	0.600	0.0500	"	1.00		60.0	10-150				
Isophorone	ND	5.00	"				29-115				
Naphthalene	0.570	0.0500	"	1.00		57.0	30-99				
Nitrobenzene	ND	0.250	"				32-113				
N-Nitrosodimethylamine	ND	0.500	"				10-63				
N-nitroso-di-n-propylamine	ND	5.00	"				36-118				
N-Nitrosodiphenylamine	ND	5.00	"				27-145				
Pentachlorophenol	ND	0.250	"				19-127				
Phenanthrene	0.690	0.0500	"	1.00		69.0	31-112				
Phenol	ND	5.00	"				10-37				
Pyrene	0.480	0.0500	"	1.00		48.0	42-125				
Surrogate: 2-Fluorophenol	0.00		"	75.4			10-53				
Surrogate: Phenol-d5	0.00		"	75.2			10-39				
Surrogate: Nitrobenzene-d5	0.00		"	50.2			10-120				
Surrogate: 2-Fluorobiphenyl	0.00		"	50.2			10-108				
Surrogate: 2,4,6-Tribromophenol	0.00		"	75.2			10-150				
Surrogate: Terphenyl-d14	0.00		"	50.2			10-143				



Semivolatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
		Limit			Result				Limit		
Batch BG60035 - EPA 3510C											
LCS Dup (BG60035-BSD1)											
										Prepared: 07/01/2016 Analyzed: 07/05/2016	
1,2,4-Trichlorobenzene	32.4	5.00	ug/L	50.0		64.9	35-91		4.52	20	
1,2-Dichlorobenzene	30.7	5.00	"	50.0		61.3	42-85		4.49	20	
1,3-Dichlorobenzene	31.6	5.00	"	50.0		63.1	45-80		1.95	20	
1,4-Dichlorobenzene	29.9	5.00	"	50.0		59.8	42-82		4.54	20	
2,4,5-Trichlorophenol	30.9	5.00	"	50.0		61.7	36-112		12.9	20	
2,4,6-Trichlorophenol	35.8	5.00	"	50.0		71.6	41-107		7.60	20	
2,4-Dichlorophenol	29.7	5.00	"	50.0		59.4	43-92		7.86	20	
2,4-Dimethylphenol	25.2	5.00	"	50.0		50.3	25-92		5.90	20	
2,4-Dinitrophenol	32.8	5.00	"	50.0		65.7	10-149		11.0	20	
2,4-Dinitrotoluene	33.5	5.00	"	50.0		67.0	41-114		12.3	20	
2,6-Dinitrotoluene	33.5	5.00	"	50.0		67.1	49-106		12.8	20	
2-Chloronaphthalene	29.8	5.00	"	50.0		59.6	40-96		7.37	20	
2-Chlorophenol	25.4	5.00	"	50.0		50.9	35-84		1.95	20	
2-Methylnaphthalene	29.8	5.00	"	50.0		59.7	27-97		7.98	20	
2-Nitrophenol	27.3	5.00	"	50.0		54.6	37-97		6.17	20	
3,3'-Dichlorobenzidine	40.9	5.00	"	50.0		81.9	25-155		15.4	20	
4,6-Dinitro-2-methylphenol	36.5	5.00	"	50.0		73.0	10-135		12.3	20	
4-Bromophenyl phenyl ether	33.4	5.00	"	50.0		66.7	38-116		12.7	20	
4-Chloro-3-methylphenol	28.2	5.00	"	50.0		56.4	28-101		10.1	20	
4-Chlorophenyl phenyl ether	34.8	5.00	"	50.0		69.5	34-112		12.4	20	
4-Nitrophenol	12.7	5.00	"	50.0		25.3	10-112		9.19	20	
Acenaphthene	29.9	0.0500	"	50.0		59.8	24-114		10.6	20	
Acenaphthylene	29.0	0.0500	"	50.0		58.0	26-112		9.68	20	
Aniline	18.6	5.00	"	50.0		37.1	10-132		0.812	20	
Anthracene	31.2	0.0500	"	50.0		62.5	35-114		12.2	20	
Benzo(a)anthracene	35.0	0.0500	"	50.0		70.1	38-127		14.6	20	
Benzo(a)pyrene	31.6	0.0500	"	50.0		63.3	30-146		13.5	20	
Benzo(b)fluoranthene	31.9	0.0500	"	50.0		63.7	36-145		17.8	20	
Benzo(g,h,i)perylene	40.6	0.0500	"	50.0		81.2	10-163		13.1	20	
Benzo(k)fluoranthene	27.0	0.0500	"	50.0		54.1	16-149		16.2	20	
Benzyl alcohol	21.8	5.00	"	50.0		43.6	11-82		0.549	20	
Benzyl butyl phthalate	27.8	5.00	"	50.0		55.5	28-129		13.2	20	
Bis(2-chloroethoxy)methane	25.8	5.00	"	50.0		51.6	27-112		6.19	20	
Bis(2-chloroethyl)ether	25.5	5.00	"	50.0		50.9	24-114		5.50	20	
Bis(2-chloroisopropyl)ether	22.9	5.00	"	50.0		45.8	21-124		4.78	20	
Bis(2-ethylhexyl)phthalate	33.9	0.500	"	50.0		67.8	10-171		13.6	20	
Chrysene	29.7	0.0500	"	50.0		59.3	33-120		14.0	20	
Dibenzo(a,h)anthracene	40.5	0.0500	"	50.0		80.9	10-149		15.2	20	
Diethyl phthalate	30.4	5.00	"	50.0		60.8	38-112		12.5	20	
Dimethyl phthalate	31.5	5.00	"	50.0		63.0	49-106		12.5	20	
Di-n-butyl phthalate	28.1	5.00	"	50.0		56.2	36-110		12.9	20	
Di-n-octyl phthalate	25.2	5.00	"	50.0		50.4	12-149		13.7	20	
Fluoranthene	33.5	0.0500	"	50.0		67.0	33-126		13.4	20	
Fluorene	32.0	0.0500	"	50.0		64.1	28-117		10.3	20	
Hexachlorobenzene	29.5	0.0200	"	50.0		59.1	27-120		10.5	20	
Hexachlorobutadiene	37.5	0.500	"	50.0		74.9	25-106		7.43	20	
Hexachlorocyclopentadiene	30.1	5.00	"	50.0		60.1	10-99		6.87	20	
Hexachloroethane	32.0	0.500	"	50.0		64.0	33-84		3.59	20	
Indeno(1,2,3-cd)pyrene	39.4	0.0500	"	50.0		78.7	10-150		14.1	20	
Isophorone	27.1	5.00	"	50.0		54.2	29-115		7.91	20	
Naphthalene	30.1	0.0500	"	50.0		60.1	30-99		6.31	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 BG60035 - EPA 3510C

LCS Dup (BG60035-BSD1)

Prepared: 07/01/2016 Analyzed: 07/05/2016

Nitrobenzene	27.8	0.250	ug/L	50.0		55.6	32-113		7.11	20	
N-Nitrosodimethylamine	12.4	0.500	"	50.0		24.8	10-63		4.45	20	
N-nitroso-di-n-propylamine	29.5	5.00	"	50.0		59.0	36-118		5.31	20	
N-Nitrosodiphenylamine	34.3	5.00	"	50.0		68.5	27-145		11.7	20	
Pentachlorophenol	34.9	0.250	"	50.0		69.7	19-127		13.1	20	
Phenanthrene	32.0	0.0500	"	50.0		64.1	31-112		12.9	20	
Phenol	8.38	5.00	"	50.0		16.8	10-37		11.5	20	
Pyrene	33.7	0.0500	"	50.0		67.5	42-125		13.3	20	
Surrogate: 2-Fluorophenol	18.6		"	75.4		24.6	10-53				
Surrogate: Phenol-d5	12.3		"	75.2		16.4	10-39				
Surrogate: Nitrobenzene-d5	28.2		"	50.2		56.3	10-120				
Surrogate: 2-Fluorobiphenyl	30.0		"	50.2		59.7	10-108				
Surrogate: 2,4,6-Tribromophenol	55.9		"	75.2		74.4	10-150				
Surrogate: Terphenyl-d14	25.8		"	50.2		51.4	10-143				

Batch BG60098 - EPA 3546 SVOA

Blank (BG60098-BLK1)

Prepared: 07/05/2016 Analyzed: 07/06/2016

1,2,4,5-Tetrachlorobenzene	ND	0.250	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.250	"								
1-Methylnaphthalene	ND	0.250	"								
2,4,5-Trichlorophenol	ND	0.250	"								
2,4,6-Trichlorophenol	ND	0.250	"								
2,4-Dichlorophenol	ND	0.250	"								
2,4-Dimethylphenol	ND	0.250	"								
2,4-Dinitrophenol	ND	0.500	"								
2,4-Dinitrotoluene	ND	0.250	"								
2,6-Dinitrotoluene	ND	0.250	"								
2-Chloronaphthalene	ND	0.250	"								
2-Chlorophenol	ND	0.250	"								
2-Methylnaphthalene	ND	0.250	"								
2-Methylphenol	ND	0.250	"								
2-Nitroaniline	ND	0.250	"								
2-Nitrophenol	ND	0.250	"								
3- & 4-Methylphenols	ND	0.250	"								
3,3'-Dichlorobenzidine	ND	0.250	"								
3-Nitroaniline	ND	0.250	"								
4,6-Dinitro-2-methylphenol	ND	0.500	"								
4-Bromophenyl phenyl ether	ND	0.250	"								
4-Chloro-3-methylphenol	ND	0.250	"								
4-Chloroaniline	ND	0.250	"								
4-Chlorophenyl phenyl ether	ND	0.250	"								
4-Nitroaniline	ND	0.250	"								
4-Nitrophenol	ND	0.250	"								
Acenaphthene	ND	0.250	"								
Acenaphthylene	ND	0.250	"								
Aniline	ND	0.250	"								
Anthracene	ND	0.250	"								
Benzo(a)anthracene	ND	0.250	"								
Benzo(a)pyrene	ND	0.250	"								
Benzo(b)fluoranthene	ND	0.250	"								
Benzo(g,h,i)perylene	ND	0.250	"								



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 BG60098 - EPA 3546 SVOA

Blank (BG60098-BLK1)

Prepared: 07/05/2016 Analyzed: 07/06/2016

Benzo(k)fluoranthene	ND	0.250	mg/kg wet								
Benzyl butyl phthalate	ND	0.250	"								
Bis(2-chloroethoxy)methane	ND	0.250	"								
Bis(2-chloroethyl)ether	ND	0.250	"								
Bis(2-chloroisopropyl)ether	ND	0.250	"								
Bis(2-ethylhexyl)phthalate	ND	0.250	"								
Carbazole	ND	0.250	"								
Chrysene	ND	0.250	"								
Dibenzo(a,h)anthracene	ND	0.250	"								
Dibenzofuran	ND	0.250	"								
Diethyl phthalate	ND	0.250	"								
Dimethyl phthalate	ND	0.250	"								
Di-n-butyl phthalate	ND	0.250	"								
Di-n-octyl phthalate	ND	0.250	"								
Fluoranthene	ND	0.250	"								
Fluorene	ND	0.250	"								
Hexachlorobenzene	ND	0.250	"								
Hexachlorobutadiene	ND	0.250	"								
Hexachlorocyclopentadiene	ND	0.250	"								
Hexachloroethane	ND	0.250	"								
Indeno(1,2,3-cd)pyrene	ND	0.250	"								
Isophorone	ND	0.250	"								
Naphthalene	ND	0.250	"								
Nitrobenzene	ND	0.250	"								
N-nitroso-di-n-propylamine	ND	0.250	"								
N-Nitrosodiphenylamine	ND	0.250	"								
Pentachloronitrobenzene	ND	0.250	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.250	"								
Phenol	ND	0.250	"								
Pyrene	ND	0.250	"								
Pyridine	ND	0.250	"								
<i>Surrogate: 2-Fluorophenol</i>	2.63		"	3.77		69.7	30-130				
<i>Surrogate: Phenol-d5</i>	3.12		"	3.76		83.0	30-130				
<i>Surrogate: Nitrobenzene-d5</i>	1.86		"	2.51		74.2	30-130				
<i>Surrogate: 2-Fluorobiphenyl</i>	1.84		"	2.51		73.2	30-130				
<i>Surrogate: 2,4,6-Tribromophenol</i>	2.40		"	3.76		63.8	30-130				
<i>Surrogate: Terphenyl-d14</i>	1.48		"	2.51		58.8	30-130				



Semivolatile 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 BG60098 - EPA 3546 SVOA										
Prepared: 07/05/2016 Analyzed: 07/06/2016										
LCS (BG60098-BS1)										
1,2,4,5-Tetrachlorobenzene	2.12	0.250	mg/kg wet	2.50		84.7	40-140			
1,2,4-Trichlorobenzene	1.87	0.250	"	2.50		74.9	40-140			
1-Methylnaphthalene	1.77	0.250	"	2.50		70.9	40-140			
2,4,5-Trichlorophenol	2.58	0.250	"	2.50		103	30-130			
2,4,6-Trichlorophenol	2.45	0.250	"	2.50		98.0	30-130			
2,4-Dichlorophenol	2.06	0.250	"	2.50		82.2	30-130			
2,4-Dimethylphenol	2.07	0.250	"	2.50		82.7	30-130			
2,4-Dinitrophenol	3.93	0.500	"	2.50		157	30-130	High Bias		
2,4-Dinitrotoluene	3.17	0.250	"	2.50		127	40-140			
2,6-Dinitrotoluene	2.72	0.250	"	2.50		109	30-130			
2-Chloronaphthalene	2.35	0.250	"	2.50		93.9	40-140			
2-Chlorophenol	2.32	0.250	"	2.50		92.7	30-130			
2-Methylnaphthalene	2.08	0.250	"	2.50		83.0	40-140			
2-Methylphenol	2.16	0.250	"	2.50		86.5	30-130			
2-Nitroaniline	3.09	0.250	"	2.50		124	40-140			
2-Nitrophenol	2.10	0.250	"	2.50		84.0	30-130			
3- & 4-Methylphenols	2.27	0.250	"	2.50		90.7	30-130			
3,3'-Dichlorobenzidine	3.74	0.250	"	2.50		150	40-140	High Bias		
3-Nitroaniline	2.89	0.250	"	2.50		116	40-140			
4,6-Dinitro-2-methylphenol	2.27	0.500	"	2.50		90.6	40-140			
4-Bromophenyl phenyl ether	2.25	0.250	"	2.50		89.9	40-140			
4-Chloro-3-methylphenol	2.32	0.250	"	2.50		92.8	30-130			
4-Chloroaniline	2.01	0.250	"	2.50		80.3	40-140			
4-Chlorophenyl phenyl ether	2.04	0.250	"	2.50		81.5	40-140			
4-Nitroaniline	3.09	0.250	"	2.50		124	40-140			
4-Nitrophenol	3.11	0.250	"	2.50		124	30-130			
Acenaphthene	2.32	0.250	"	2.50		92.8	40-140			
Acenaphthylene	2.19	0.250	"	2.50		87.4	40-140			
Aniline	2.05	0.250	"	2.50		82.0	40-140			
Anthracene	2.30	0.250	"	2.50		92.1	40-140			
Benzo(a)anthracene	3.16	0.250	"	2.50		126	40-140			
Benzo(a)pyrene	4.28	0.250	"	2.50		171	40-140	High Bias		
Benzo(b)fluoranthene	3.81	0.250	"	2.50		152	40-140	High Bias		
Benzo(g,h,i)perylene	3.91	0.250	"	2.50		156	40-140	High Bias		
Benzo(k)fluoranthene	3.31	0.250	"	2.50		133	40-140			
Benzyl butyl phthalate	3.39	0.250	"	2.50		136	40-140			
Bis(2-chloroethoxy)methane	2.17	0.250	"	2.50		86.8	40-140			
Bis(2-chloroethyl)ether	2.34	0.250	"	2.50		93.8	40-140			
Bis(2-chloroisopropyl)ether	2.71	0.250	"	2.50		108	40-140			
Bis(2-ethylhexyl)phthalate	2.99	0.250	"	2.50		120	40-140			
Carbazole	2.83	0.250	"	2.50		113	40-140			
Chrysene	3.46	0.250	"	2.50		138	40-140			
Dibenzo(a,h)anthracene	3.74	0.250	"	2.50		150	40-140	High Bias		
Dibenzofuran	2.29	0.250	"	2.50		91.4	40-140			
Diethyl phthalate	2.40	0.250	"	2.50		95.8	40-140			
Dimethyl phthalate	2.80	0.250	"	2.50		112	40-140			
Di-n-butyl phthalate	2.19	0.250	"	2.50		87.5	40-140			
Di-n-octyl phthalate	3.10	0.250	"	2.50		124	40-140			
Fluoranthene	2.38	0.250	"	2.50		95.4	40-140			
Fluorene	2.16	0.250	"	2.50		86.5	40-140			
Hexachlorobenzene	1.99	0.250	"	2.50		79.5	40-140			



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 BG60098 - EPA 3546 SVOA											
LCS (BG60098-BS1)											
Prepared: 07/05/2016 Analyzed: 07/06/2016											
Hexachlorobutadiene	1.73	0.250	mg/kg wet	2.50		69.3	40-140				
Hexachlorocyclopentadiene	2.78	0.250	"	2.50		111	40-140				
Hexachloroethane	2.40	0.250	"	2.50		95.8	40-140				
Indeno(1,2,3-cd)pyrene	3.55	0.250	"	2.50		142	40-140	High Bias			
Isophorone	2.34	0.250	"	2.50		93.5	40-140				
Naphthalene	2.01	0.250	"	2.50		80.2	40-140				
Nitrobenzene	2.13	0.250	"	2.50		85.3	40-140				
N-nitroso-di-n-propylamine	2.74	0.250	"	2.50		109	40-140				
N-Nitrosodiphenylamine	2.22	0.250	"	2.50		88.8	40-140				
Pentachloronitrobenzene	2.58	0.250	"	2.50		103	40-140				
Pentachlorophenol	2.98	0.250	"	2.50		119	30-130				
Phenanthrene	2.36	0.250	"	2.50		94.4	40-140				
Phenol	2.16	0.250	"	2.50		86.5	30-130				
Pyrene	3.67	0.250	"	2.50		147	40-140	High Bias			
Pyridine	2.01	0.250	"	2.50		80.5	40-140				
<i>Surrogate: 2-Fluorophenol</i>	2.60		"	3.77		69.0	30-130				
<i>Surrogate: Phenol-d5</i>	2.88		"	3.76		76.5	30-130				
<i>Surrogate: Nitrobenzene-d5</i>	1.74		"	2.51		69.2	30-130				
<i>Surrogate: 2-Fluorobiphenyl</i>	1.86		"	2.51		74.0	30-130				
<i>Surrogate: 2,4,6-Tribromophenol</i>	2.60		"	3.76		69.1	30-130				
<i>Surrogate: Terphenyl-d14</i>	2.42		"	2.51		96.3	30-130				
LCS Dup (BG60098-BSD1)											
Prepared: 07/05/2016 Analyzed: 07/06/2016											
1,2,4,5-Tetrachlorobenzene	2.04	0.250	mg/kg wet	2.50		81.5	40-140		3.92	30	
1,2,4-Trichlorobenzene	1.79	0.250	"	2.50		71.5	40-140		4.67	30	
1-Methylnaphthalene	1.67	0.250	"	2.50		66.7	40-140		6.19	30	
2,4,5-Trichlorophenol	2.44	0.250	"	2.50		97.7	30-130		5.59	30	
2,4,6-Trichlorophenol	2.38	0.250	"	2.50		95.0	30-130		3.11	30	
2,4-Dichlorophenol	1.96	0.250	"	2.50		78.3	30-130		4.81	30	
2,4-Dimethylphenol	1.91	0.250	"	2.50		76.6	30-130		7.66	30	
2,4-Dinitrophenol	3.66	0.500	"	2.50		146	30-130	High Bias	7.14	30	
2,4-Dinitrotoluene	3.02	0.250	"	2.50		121	40-140		4.81	30	
2,6-Dinitrotoluene	2.58	0.250	"	2.50		103	30-130		5.51	30	
2-Chloronaphthalene	2.23	0.250	"	2.50		89.3	40-140		5.00	30	
2-Chlorophenol	2.24	0.250	"	2.50		89.6	30-130		3.38	30	
2-Methylnaphthalene	1.95	0.250	"	2.50		77.9	40-140		6.44	30	
2-Methylphenol	2.11	0.250	"	2.50		84.3	30-130		2.62	30	
2-Nitroaniline	2.86	0.250	"	2.50		114	40-140		7.85	30	
2-Nitrophenol	1.97	0.250	"	2.50		78.9	30-130		6.19	30	
3- & 4-Methylphenols	2.19	0.250	"	2.50		87.6	30-130		3.52	30	
3,3'-Dichlorobenzidine	3.66	0.250	"	2.50		146	40-140	High Bias	2.35	30	
3-Nitroaniline	2.70	0.250	"	2.50		108	40-140		6.83	30	
4,6-Dinitro-2-methylphenol	2.22	0.500	"	2.50		88.7	40-140		2.14	30	
4-Bromophenyl phenyl ether	2.14	0.250	"	2.50		85.6	40-140		4.99	30	
4-Chloro-3-methylphenol	2.12	0.250	"	2.50		84.9	30-130		8.91	30	
4-Chloroaniline	1.83	0.250	"	2.50		73.3	40-140		9.04	30	
4-Chlorophenyl phenyl ether	1.96	0.250	"	2.50		78.2	40-140		4.08	30	
4-Nitroaniline	2.81	0.250	"	2.50		112	40-140		9.37	30	
4-Nitrophenol	3.02	0.250	"	2.50		121	30-130		2.81	30	
Acenaphthene	2.22	0.250	"	2.50		88.9	40-140		4.36	30	
Acenaphthylene	2.13	0.250	"	2.50		85.1	40-140		2.76	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 BG60098 - EPA 3546 SVOA											
LCS Dup (BG60098-BSD1)											
Prepared: 07/05/2016 Analyzed: 07/06/2016											
Aniline	2.00	0.250	mg/kg wet	2.50		80.1	40-140		2.34	30	
Anthracene	2.17	0.250	"	2.50		87.0	40-140		5.74	30	
Benzo(a)anthracene	2.99	0.250	"	2.50		120	40-140		5.43	30	
Benzo(a)pyrene	4.03	0.250	"	2.50		161	40-140	High Bias	5.92	30	
Benzo(b)fluoranthene	3.60	0.250	"	2.50		144	40-140	High Bias	5.62	30	
Benzo(g,h,i)perylene	3.63	0.250	"	2.50		145	40-140	High Bias	7.41	30	
Benzo(k)fluoranthene	3.18	0.250	"	2.50		127	40-140		4.11	30	
Benzyl butyl phthalate	3.20	0.250	"	2.50		128	40-140		5.85	30	
Bis(2-chloroethoxy)methane	2.08	0.250	"	2.50		83.1	40-140		4.40	30	
Bis(2-chloroethyl)ether	2.29	0.250	"	2.50		91.7	40-140		2.24	30	
Bis(2-chloroisopropyl)ether	2.68	0.250	"	2.50		107	40-140		1.08	30	
Bis(2-ethylhexyl)phthalate	2.82	0.250	"	2.50		113	40-140		6.16	30	
Carbazole	2.65	0.250	"	2.50		106	40-140		6.72	30	
Chrysene	3.21	0.250	"	2.50		128	40-140		7.43	30	
Dibenzo(a,h)anthracene	3.50	0.250	"	2.50		140	40-140		6.59	30	
Dibenzofuran	2.18	0.250	"	2.50		87.4	40-140		4.52	30	
Diethyl phthalate	2.25	0.250	"	2.50		89.9	40-140		6.40	30	
Dimethyl phthalate	2.64	0.250	"	2.50		105	40-140		6.07	30	
Di-n-butyl phthalate	2.07	0.250	"	2.50		82.8	40-140		5.47	30	
Di-n-octyl phthalate	2.94	0.250	"	2.50		118	40-140		5.27	30	
Fluoranthene	2.22	0.250	"	2.50		88.8	40-140		7.15	30	
Fluorene	2.07	0.250	"	2.50		82.7	40-140		4.47	30	
Hexachlorobenzene	1.89	0.250	"	2.50		75.7	40-140		4.90	30	
Hexachlorobutadiene	1.66	0.250	"	2.50		66.4	40-140		4.24	30	
Hexachlorocyclopentadiene	2.77	0.250	"	2.50		111	40-140		0.343	30	
Hexachloroethane	2.42	0.250	"	2.50		96.7	40-140		0.956	30	
Indeno(1,2,3-cd)pyrene	3.30	0.250	"	2.50		132	40-140		7.31	30	
Isophorone	2.19	0.250	"	2.50		87.6	40-140		6.54	30	
Naphthalene	1.92	0.250	"	2.50		76.7	40-140		4.56	30	
Nitrobenzene	2.07	0.250	"	2.50		82.7	40-140		3.05	30	
N-nitroso-di-n-propylamine	2.65	0.250	"	2.50		106	40-140		3.34	30	
N-Nitrosodiphenylamine	2.10	0.250	"	2.50		84.1	40-140		5.44	30	
Pentachloronitrobenzene	2.41	0.250	"	2.50		96.4	40-140		6.62	30	
Pentachlorophenol	2.76	0.250	"	2.50		110	30-130		7.65	30	
Phenanthrene	2.21	0.250	"	2.50		88.4	40-140		6.54	30	
Phenol	2.10	0.250	"	2.50		84.0	30-130		2.96	30	
Pyrene	3.45	0.250	"	2.50		138	40-140		6.20	30	
Pyridine	2.11	0.250	"	2.50		84.2	40-140		4.54	30	
<i>Surrogate: 2-Fluorophenol</i>	2.65		"	3.77		70.3	30-130				
<i>Surrogate: Phenol-d5</i>	2.87		"	3.76		76.4	30-130				
<i>Surrogate: Nitrobenzene-d5</i>	1.73		"	2.51		69.0	30-130				
<i>Surrogate: 2-Fluorobiphenyl</i>	1.83		"	2.51		72.8	30-130				
<i>Surrogate: 2,4,6-Tribromophenol</i>	2.48		"	3.76		66.0	30-130				
<i>Surrogate: Terphenyl-d14</i>	2.34		"	2.51		93.3	30-130				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG60098 - EPA 3546 SVOA											
Matrix Spike (BG60098-MS1)		*Source sample: 16F1183-12 (B-8-2'-4')					Prepared: 07/05/2016 Analyzed: 07/06/2016				
1,2,4,5-Tetrachlorobenzene	2.34	0.528	mg/kg dry	2.64	ND	88.8	40-140				
1,2,4-Trichlorobenzene	1.61	0.528	"	2.64	ND	61.2	40-140				
1-Methylnaphthalene	1.68	0.528	"	2.64	ND	63.5	40-140				
2,4,5-Trichlorophenol	2.00	0.528	"	2.64	ND	75.9	30-130				
2,4,6-Trichlorophenol	1.98	0.528	"	2.64	ND	75.0	30-130				
2,4-Dichlorophenol	1.94	0.528	"	2.64	ND	73.6	30-130				
2,4-Dimethylphenol	1.87	0.528	"	2.64	ND	70.8	30-130				
2,4-Dinitrophenol	1.54	1.06	"	2.64	ND	58.4	30-130				
2,4-Dinitrotoluene	2.24	0.528	"	2.64	ND	84.7	40-140				
2,6-Dinitrotoluene	2.20	0.528	"	2.64	ND	83.5	40-140				
2-Chloronaphthalene	2.04	0.528	"	2.64	ND	77.4	40-140				
2-Chlorophenol	1.86	0.528	"	2.64	ND	70.5	30-130				
2-Methylnaphthalene	1.95	0.528	"	2.64	ND	73.8	40-140				
2-Methylphenol	1.80	0.528	"	2.64	ND	68.1	30-130				
2-Nitroaniline	2.17	0.528	"	2.64	ND	82.2	40-140				
2-Nitrophenol	1.80	0.528	"	2.64	ND	68.1	30-130				
3- & 4-Methylphenols	1.98	0.528	"	2.64	ND	75.1	30-130				
3,3'-Dichlorobenzidine	3.39	0.528	"	2.64	ND	128	40-140				
3-Nitroaniline	2.59	0.528	"	2.64	ND	98.1	40-140				
4,6-Dinitro-2-methylphenol	2.30	1.06	"	2.64	ND	87.2	30-130				
4-Bromophenyl phenyl ether	2.35	0.528	"	2.64	ND	89.1	40-140				
4-Chloro-3-methylphenol	1.99	0.528	"	2.64	ND	75.6	30-130				
4-Chloroaniline	1.77	0.528	"	2.64	ND	67.1	40-140				
4-Chlorophenyl phenyl ether	2.32	0.528	"	2.64	ND	87.8	40-140				
4-Nitroaniline	2.87	0.528	"	2.64	ND	109	40-140				
4-Nitrophenol	1.99	0.528	"	2.64	ND	75.6	30-130				
Acenaphthene	2.16	0.528	"	2.64	ND	82.0	40-140				
Acenaphthylene	2.12	0.528	"	2.64	ND	80.4	40-140				
Aniline	1.79	0.528	"	2.64	ND	67.9	40-140				
Anthracene	2.31	0.528	"	2.64	ND	87.6	40-140				
Benzo(a)anthracene	2.25	0.528	"	2.64	ND	85.2	40-140				
Benzo(a)pyrene	1.56	0.528	"	2.64	ND	59.1	40-140				
Benzo(b)fluoranthene	1.81	0.528	"	2.64	ND	68.8	40-140				
Benzo(g,h,i)perylene	0.545	0.528	"	2.64	ND	20.6	40-140	Low Bias			
Benzo(k)fluoranthene	1.83	0.528	"	2.64	ND	69.4	40-140				
Benzyl butyl phthalate	2.13	0.528	"	2.64	ND	80.8	40-140				
Bis(2-chloroethoxy)methane	1.82	0.528	"	2.64	ND	68.8	40-140				
Bis(2-chloroethyl)ether	1.62	0.528	"	2.64	ND	61.3	40-140				
Bis(2-chloroisopropyl)ether	1.92	0.528	"	2.64	ND	72.6	40-140				
Bis(2-ethylhexyl)phthalate	2.22	0.528	"	2.64	ND	84.0	40-140				
Carbazole	5.67	0.528	"	2.64	ND	215	40-140	High Bias			
Chrysene	2.19	0.528	"	2.64	ND	83.2	40-140				
Dibenzo(a,h)anthracene	0.761	0.528	"	2.64	ND	28.8	40-140	Low Bias			
Dibenzofuran	2.01	0.528	"	2.64	ND	76.0	40-140				
Diethyl phthalate	2.12	0.528	"	2.64	ND	80.2	40-140				
Dimethyl phthalate	2.14	0.528	"	2.64	ND	81.2	40-140				
Di-n-butyl phthalate	2.17	0.528	"	2.64	ND	82.2	40-140				
Di-n-octyl phthalate	1.94	0.528	"	2.64	ND	73.6	40-140				
Fluoranthene	2.39	0.528	"	2.64	ND	90.8	40-140				
Fluorene	2.26	0.528	"	2.64	ND	85.8	40-140				
Hexachlorobenzene	1.93	0.528	"	2.64	ND	73.0	40-140				



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 BG60098 - EPA 3546 SVOA

Matrix Spike (BG60098-MS1)

*Source sample: 16F1183-12 (B-8-2'-4')

Prepared: 07/05/2016 Analyzed: 07/06/2016

Hexachlorobutadiene	1.61	0.528	mg/kg dry	2.64	ND	60.9	40-140				
Hexachlorocyclopentadiene	0.649	0.528	"	2.64	ND	24.6	40-140	Low Bias			
Hexachloroethane	1.67	0.528	"	2.64	ND	63.4	40-140				
Indeno(1,2,3-cd)pyrene	0.752	0.528	"	2.64	ND	28.5	40-140	Low Bias			
Isophorone	1.78	0.528	"	2.64	ND	67.4	40-140				
Naphthalene	1.86	0.528	"	2.64	ND	70.5	40-140				
Nitrobenzene	1.77	0.528	"	2.64	ND	67.1	40-140				
N-nitroso-di-n-propylamine	1.90	0.528	"	2.64	ND	71.9	40-140				
N-Nitrosodiphenylamine	4.50	0.528	"	2.64	ND	171	40-140	High Bias			
Pentachloronitrobenzene	2.09	0.528	"	2.64	ND	79.0	40-140				
Pentachlorophenol	1.74	0.528	"	2.64	ND	65.8	30-130				
Phenanthrene	2.31	0.528	"	2.64	ND	87.4	40-140				
Phenol	1.90	0.528	"	2.64	ND	72.1	30-130				
Pyrene	2.33	0.528	"	2.64	ND	88.2	40-140				
Pyridine	1.24	0.528	"	2.64	ND	47.1	40-140				
<i>Surrogate: 2-Fluorophenol</i>	<i>1.97</i>		<i>"</i>	<i>3.98</i>		<i>49.5</i>	<i>30-130</i>				
<i>Surrogate: Phenol-d5</i>	<i>2.13</i>		<i>"</i>	<i>3.97</i>		<i>53.8</i>	<i>30-130</i>				
<i>Surrogate: Nitrobenzene-d5</i>	<i>0.828</i>		<i>"</i>	<i>2.65</i>		<i>31.3</i>	<i>30-130</i>				
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>0.863</i>		<i>"</i>	<i>2.65</i>		<i>32.6</i>	<i>30-130</i>				
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>2.11</i>		<i>"</i>	<i>3.97</i>		<i>53.3</i>	<i>30-130</i>				
<i>Surrogate: Terphenyl-d14</i>	<i>0.866</i>		<i>"</i>	<i>2.65</i>		<i>32.7</i>	<i>30-130</i>				

Batch BG60164 - EPA 3546 SVOA

Blank (BG60164-BLK1)

Prepared: 07/06/2016 Analyzed: 07/07/2016

1,2,4,5-Tetrachlorobenzene	ND	0.250	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.250	"								
1-Methylnaphthalene	ND	0.250	"								
2,4,5-Trichlorophenol	ND	0.250	"								
2,4,6-Trichlorophenol	ND	0.250	"								
2,4-Dichlorophenol	ND	0.250	"								
2,4-Dimethylphenol	ND	0.250	"								
2,4-Dinitrophenol	ND	0.500	"								
2,4-Dinitrotoluene	ND	0.250	"								
2,6-Dinitrotoluene	ND	0.250	"								
2-Chloronaphthalene	ND	0.250	"								
2-Chlorophenol	ND	0.250	"								
2-Methylnaphthalene	ND	0.250	"								
2-Methylphenol	ND	0.250	"								
2-Nitroaniline	ND	0.250	"								
2-Nitrophenol	ND	0.250	"								
3- & 4-Methylphenols	ND	0.250	"								
3,3'-Dichlorobenzidine	ND	0.250	"								
3-Nitroaniline	ND	0.250	"								
4,6-Dinitro-2-methylphenol	ND	0.500	"								
4-Bromophenyl phenyl ether	ND	0.250	"								
4-Chloro-3-methylphenol	ND	0.250	"								
4-Chloroaniline	ND	0.250	"								
4-Chlorophenyl phenyl ether	ND	0.250	"								
4-Nitroaniline	ND	0.250	"								
4-Nitrophenol	ND	0.250	"								
Acenaphthene	ND	0.250	"								



Semivolatile 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 BG60164 - EPA 3546 SVOA

Blank (BG60164-BLK1)

Prepared: 07/06/2016 Analyzed: 07/07/2016

Acenaphthylene	ND	0.250	mg/kg wet							
Aniline	ND	0.250	"							
Anthracene	ND	0.250	"							
Benzo(a)anthracene	ND	0.250	"							
Benzo(a)pyrene	ND	0.250	"							
Benzo(b)fluoranthene	ND	0.250	"							
Benzo(g,h,i)perylene	ND	0.250	"							
Benzo(k)fluoranthene	ND	0.250	"							
Benzyl butyl phthalate	ND	0.250	"							
Bis(2-chloroethoxy)methane	ND	0.250	"							
Bis(2-chloroethyl)ether	ND	0.250	"							
Bis(2-chloroisopropyl)ether	ND	0.250	"							
Bis(2-ethylhexyl)phthalate	ND	0.250	"							
Carbazole	ND	0.250	"							
Chrysene	ND	0.250	"							
Dibenzo(a,h)anthracene	ND	0.250	"							
Dibenzofuran	ND	0.250	"							
Diethyl phthalate	ND	0.250	"							
Dimethyl phthalate	ND	0.250	"							
Di-n-butyl phthalate	ND	0.250	"							
Di-n-octyl phthalate	ND	0.250	"							
Fluoranthene	ND	0.250	"							
Fluorene	ND	0.250	"							
Hexachlorobenzene	ND	0.250	"							
Hexachlorobutadiene	ND	0.250	"							
Hexachlorocyclopentadiene	ND	0.250	"							
Hexachloroethane	ND	0.250	"							
Indeno(1,2,3-cd)pyrene	ND	0.250	"							
Isophorone	ND	0.250	"							
Naphthalene	ND	0.250	"							
Nitrobenzene	ND	0.250	"							
N-nitroso-di-n-propylamine	ND	0.250	"							
N-Nitrosodiphenylamine	ND	0.250	"							
Pentachloronitrobenzene	ND	0.250	"							
Pentachlorophenol	ND	0.250	"							
Phenanthrene	ND	0.250	"							
Phenol	ND	0.250	"							
Pyrene	ND	0.250	"							
Pyridine	ND	0.250	"							
<i>Surrogate: 2-Fluorophenol</i>	<i>4.11</i>		<i>"</i>	<i>3.77</i>		<i>109</i>	<i>30-130</i>			
<i>Surrogate: Phenol-d5</i>	<i>4.63</i>		<i>"</i>	<i>3.76</i>		<i>123</i>	<i>30-130</i>			
<i>Surrogate: Nitrobenzene-d5</i>	<i>2.92</i>		<i>"</i>	<i>2.51</i>		<i>116</i>	<i>30-130</i>			
<i>Surrogate: 2-Fluorobiphenyl</i>	<i>2.71</i>		<i>"</i>	<i>2.51</i>		<i>108</i>	<i>30-130</i>			
<i>Surrogate: 2,4,6-Tribromophenol</i>	<i>4.94</i>		<i>"</i>	<i>3.76</i>		<i>131</i>	<i>30-130</i>			
<i>Surrogate: Terphenyl-d14</i>	<i>2.01</i>		<i>"</i>	<i>2.51</i>		<i>80.2</i>	<i>30-130</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
Batch BG60164 - EPA 3546 SVOA											
Prepared: 07/06/2016 Analyzed: 07/07/2016											
LCS (BG60164-BS1)											
1,2,4,5-Tetrachlorobenzene	2.34	0.250	mg/kg wet	2.50		93.7	40-140				
1,2,4-Trichlorobenzene	2.16	0.250	"	2.50		86.5	40-140				
1-Methylnaphthalene	1.83	0.250	"	2.50		73.1	40-140				
2,4,5-Trichlorophenol	2.83	0.250	"	2.50		113	30-130				
2,4,6-Trichlorophenol	2.81	0.250	"	2.50		112	30-130				
2,4-Dichlorophenol	2.27	0.250	"	2.50		90.9	30-130				
2,4-Dimethylphenol	2.37	0.250	"	2.50		94.9	30-130				
2,4-Dinitrophenol	4.59	0.500	"	2.50		183	30-130	High Bias			
2,4-Dinitrotoluene	3.53	0.250	"	2.50		141	40-140	High Bias			
2,6-Dinitrotoluene	2.86	0.250	"	2.50		115	30-130				
2-Chloronaphthalene	2.42	0.250	"	2.50		96.9	40-140				
2-Chlorophenol	2.69	0.250	"	2.50		108	30-130				
2-Methylnaphthalene	2.11	0.250	"	2.50		84.5	40-140				
2-Methylphenol	2.33	0.250	"	2.50		93.2	30-130				
2-Nitroaniline	3.24	0.250	"	2.50		130	40-140				
2-Nitrophenol	2.45	0.250	"	2.50		98.0	30-130				
3- & 4-Methylphenols	2.39	0.250	"	2.50		95.7	30-130				
3,3'-Dichlorobenzidine	4.52	0.250	"	2.50		181	40-140	High Bias			
3-Nitroaniline	2.94	0.250	"	2.50		118	40-140				
4,6-Dinitro-2-methylphenol	2.34	0.500	"	2.50		93.6	40-140				
4-Bromophenyl phenyl ether	2.56	0.250	"	2.50		102	40-140				
4-Chloro-3-methylphenol	2.73	0.250	"	2.50		109	30-130				
4-Chloroaniline	1.98	0.250	"	2.50		79.1	40-140				
4-Chlorophenyl phenyl ether	2.23	0.250	"	2.50		89.1	40-140				
4-Nitroaniline	3.02	0.250	"	2.50		121	40-140				
4-Nitrophenol	3.63	0.250	"	2.50		145	30-130	High Bias			
Acenaphthene	2.45	0.250	"	2.50		98.0	40-140				
Acenaphthylene	2.29	0.250	"	2.50		91.7	40-140				
Aniline	2.13	0.250	"	2.50		85.4	40-140				
Anthracene	2.34	0.250	"	2.50		93.5	40-140				
Benzo(a)anthracene	3.48	0.250	"	2.50		139	40-140				
Benzo(a)pyrene	5.58	0.250	"	2.50		223	40-140	High Bias			
Benzo(b)fluoranthene	4.32	0.250	"	2.50		173	40-140	High Bias			
Benzo(g,h,i)perylene	4.15	0.250	"	2.50		166	40-140	High Bias			
Benzo(k)fluoranthene	3.98	0.250	"	2.50		159	40-140	High Bias			
Benzyl butyl phthalate	3.85	0.250	"	2.50		154	40-140	High Bias			
Bis(2-chloroethoxy)methane	2.47	0.250	"	2.50		98.9	40-140				
Bis(2-chloroethyl)ether	2.77	0.250	"	2.50		111	40-140				
Bis(2-chloroisopropyl)ether	3.87	0.250	"	2.50		155	40-140	High Bias			
Bis(2-ethylhexyl)phthalate	3.14	0.250	"	2.50		126	40-140				
Carbazole	2.64	0.250	"	2.50		106	40-140				
Chrysene	4.11	0.250	"	2.50		165	40-140	High Bias			
Dibenzo(a,h)anthracene	3.92	0.250	"	2.50		157	40-140	High Bias			
Dibenzofuran	2.37	0.250	"	2.50		94.8	40-140				
Diethyl phthalate	2.54	0.250	"	2.50		101	40-140				
Dimethyl phthalate	3.07	0.250	"	2.50		123	40-140				
Di-n-butyl phthalate	2.17	0.250	"	2.50		86.8	40-140				
Di-n-octyl phthalate	3.56	0.250	"	2.50		142	40-140	High Bias			
Fluoranthene	2.48	0.250	"	2.50		99.3	40-140				
Fluorene	2.25	0.250	"	2.50		90.1	40-140				
Hexachlorobenzene	1.97	0.250	"	2.50		78.7	40-140				



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 BG60164 - EPA 3546 SVOA

LCS (BG60164-BS1)

Prepared: 07/06/2016 Analyzed: 07/07/2016

Hexachlorobutadiene	2.12	0.250	mg/kg wet	2.50		85.0	40-140				
Hexachlorocyclopentadiene	3.00	0.250	"	2.50		120	40-140				
Hexachloroethane	2.57	0.250	"	2.50		103	40-140				
Indeno(1,2,3-cd)pyrene	3.64	0.250	"	2.50		146	40-140	High Bias			
Isophorone	2.83	0.250	"	2.50		113	40-140				
Naphthalene	2.21	0.250	"	2.50		88.2	40-140				
Nitrobenzene	2.60	0.250	"	2.50		104	40-140				
N-nitroso-di-n-propylamine	3.23	0.250	"	2.50		129	40-140				
N-Nitrosodiphenylamine	2.14	0.250	"	2.50		85.8	40-140				
Pentachloronitrobenzene	3.09	0.250	"	2.50		124	40-140				
Pentachlorophenol	3.63	0.250	"	2.50		145	30-130	High Bias			
Phenanthrene	2.35	0.250	"	2.50		93.9	40-140				
Phenol	2.38	0.250	"	2.50		95.4	30-130				
Pyrene	4.21	0.250	"	2.50		168	40-140	High Bias			
Pyridine	2.76	0.250	"	2.50		110	40-140				
Surrogate: 2-Fluorophenol	3.13		"	3.77		83.1	30-130				
Surrogate: Phenol-d5	3.01		"	3.76		80.1	30-130				
Surrogate: Nitrobenzene-d5	2.04		"	2.51		81.3	30-130				
Surrogate: 2-Fluorobiphenyl	1.91		"	2.51		76.3	30-130				
Surrogate: 2,4,6-Tribromophenol	3.56		"	3.76		94.6	30-130				
Surrogate: Terphenyl-d14	2.96		"	2.51		118	30-130				

LCS Dup (BG60164-BS1)

Prepared: 07/06/2016 Analyzed: 07/07/2016

1,2,4,5-Tetrachlorobenzene	2.17	0.250	mg/kg wet	2.50		87.0	40-140		7.46	30	
1,2,4-Trichlorobenzene	2.03	0.250	"	2.50		81.1	40-140		6.42	30	
1-Methylnaphthalene	1.72	0.250	"	2.50		68.7	40-140		6.20	30	
2,4,5-Trichlorophenol	2.67	0.250	"	2.50		107	30-130		5.83	30	
2,4,6-Trichlorophenol	2.59	0.250	"	2.50		104	30-130		7.90	30	
2,4-Dichlorophenol	2.10	0.250	"	2.50		84.0	30-130		7.85	30	
2,4-Dimethylphenol	2.18	0.250	"	2.50		87.1	30-130		8.55	30	
2,4-Dinitrophenol	4.35	0.500	"	2.50		174	30-130	High Bias	5.19	30	
2,4-Dinitrotoluene	3.32	0.250	"	2.50		133	40-140		6.00	30	
2,6-Dinitrotoluene	2.72	0.250	"	2.50		109	30-130		5.25	30	
2-Chloronaphthalene	2.30	0.250	"	2.50		91.8	40-140		5.45	30	
2-Chlorophenol	2.40	0.250	"	2.50		96.1	30-130		11.2	30	
2-Methylnaphthalene	1.98	0.250	"	2.50		79.0	40-140		6.68	30	
2-Methylphenol	2.10	0.250	"	2.50		83.9	30-130		10.6	30	
2-Nitroaniline	3.08	0.250	"	2.50		123	40-140		5.12	30	
2-Nitrophenol	2.31	0.250	"	2.50		92.3	30-130		6.01	30	
3- & 4-Methylphenols	2.27	0.250	"	2.50		90.9	30-130		5.23	30	
3,3'-Dichlorobenzidine	4.00	0.250	"	2.50		160	40-140	High Bias	12.3	30	
3-Nitroaniline	2.78	0.250	"	2.50		111	40-140		5.59	30	
4,6-Dinitro-2-methylphenol	2.12	0.500	"	2.50		84.9	40-140		9.84	30	
4-Bromophenyl phenyl ether	2.40	0.250	"	2.50		96.2	40-140		6.36	30	
4-Chloro-3-methylphenol	2.51	0.250	"	2.50		100	30-130		8.50	30	
4-Chloroaniline	1.85	0.250	"	2.50		74.0	40-140		6.64	30	
4-Chlorophenyl phenyl ether	2.10	0.250	"	2.50		83.9	40-140		6.06	30	
4-Nitroaniline	3.02	0.250	"	2.50		121	40-140		0.0166	30	
4-Nitrophenol	3.50	0.250	"	2.50		140	30-130	High Bias	3.62	30	
Acenaphthene	2.27	0.250	"	2.50		90.9	40-140		7.56	30	
Acenaphthylene	2.16	0.250	"	2.50		86.4	40-140		5.91	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 BG60164 - EPA 3546 SVOA											
LCS Dup (BG60164-BSD1)											
Prepared: 07/06/2016 Analyzed: 07/07/2016											
Aniline	1.96	0.250	mg/kg wet	2.50		78.3	40-140		8.63	30	
Anthracene	2.14	0.250	"	2.50		85.8	40-140		8.66	30	
Benzo(a)anthracene	3.12	0.250	"	2.50		125	40-140		10.9	30	
Benzo(a)pyrene	5.00	0.250	"	2.50		200	40-140	High Bias	11.0	30	
Benzo(b)fluoranthene	4.34	0.250	"	2.50		173	40-140	High Bias	0.347	30	
Benzo(g,h,i)perylene	3.82	0.250	"	2.50		153	40-140	High Bias	8.27	30	
Benzo(k)fluoranthene	3.65	0.250	"	2.50		146	40-140	High Bias	8.74	30	
Benzyl butyl phthalate	3.42	0.250	"	2.50		137	40-140		11.9	30	
Bis(2-chloroethoxy)methane	2.30	0.250	"	2.50		92.0	40-140		7.25	30	
Bis(2-chloroethyl)ether	2.50	0.250	"	2.50		99.9	40-140		10.3	30	
Bis(2-chloroisopropyl)ether	3.54	0.250	"	2.50		141	40-140	High Bias	9.11	30	
Bis(2-ethylhexyl)phthalate	2.69	0.250	"	2.50		108	40-140		15.3	30	
Carbazole	2.57	0.250	"	2.50		103	40-140		2.70	30	
Chrysene	3.64	0.250	"	2.50		146	40-140	High Bias	12.1	30	
Dibenzo(a,h)anthracene	3.66	0.250	"	2.50		146	40-140	High Bias	6.76	30	
Dibenzofuran	2.20	0.250	"	2.50		87.9	40-140		7.49	30	
Diethyl phthalate	2.40	0.250	"	2.50		96.2	40-140		5.32	30	
Dimethyl phthalate	2.90	0.250	"	2.50		116	40-140		5.53	30	
Di-n-butyl phthalate	2.05	0.250	"	2.50		81.9	40-140		5.86	30	
Di-n-octyl phthalate	3.16	0.250	"	2.50		127	40-140		11.7	30	
Fluoranthene	2.32	0.250	"	2.50		92.7	40-140		6.81	30	
Fluorene	2.12	0.250	"	2.50		84.9	40-140		5.96	30	
Hexachlorobenzene	1.82	0.250	"	2.50		72.7	40-140		7.88	30	
Hexachlorobutadiene	1.99	0.250	"	2.50		79.7	40-140		6.39	30	
Hexachlorocyclopentadiene	2.78	0.250	"	2.50		111	40-140		7.49	30	
Hexachloroethane	2.33	0.250	"	2.50		93.1	40-140		9.88	30	
Indeno(1,2,3-cd)pyrene	3.40	0.250	"	2.50		136	40-140		6.70	30	
Isophorone	2.63	0.250	"	2.50		105	40-140		7.26	30	
Naphthalene	2.03	0.250	"	2.50		81.4	40-140		8.09	30	
Nitrobenzene	2.44	0.250	"	2.50		97.6	40-140		6.39	30	
N-nitroso-di-n-propylamine	2.96	0.250	"	2.50		119	40-140		8.55	30	
N-Nitrosodiphenylamine	2.03	0.250	"	2.50		81.3	40-140		5.39	30	
Pentachloronitrobenzene	2.98	0.250	"	2.50		119	40-140		3.49	30	
Pentachlorophenol	3.46	0.250	"	2.50		138	30-130	High Bias	4.92	30	
Phenanthrene	2.20	0.250	"	2.50		88.2	40-140		6.30	30	
Phenol	2.16	0.250	"	2.50		86.3	30-130		10.0	30	
Pyrene	3.72	0.250	"	2.50		149	40-140	High Bias	12.2	30	
Pyridine	2.48	0.250	"	2.50		99.1	40-140		10.8	30	
Surrogate: 2-Fluorophenol	2.79		"	3.77		74.1	30-130				
Surrogate: Phenol-d5	2.69		"	3.76		71.5	30-130				
Surrogate: Nitrobenzene-d5	1.89		"	2.51		75.2	30-130				
Surrogate: 2-Fluorobiphenyl	1.76		"	2.51		70.1	30-130				
Surrogate: 2,4,6-Tribromophenol	3.30		"	3.76		87.7	30-130				
Surrogate: Terphenyl-d14	2.56		"	2.51		102	30-130				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG60164 - EPA 3546 SVOA											
Matrix Spike (BG60164-MS1)	*Source sample: 16F1183-25 (B-16-5'-7')						Prepared: 07/06/2016 Analyzed: 07/08/2016				
1,2,4,5-Tetrachlorobenzene	2.49	0.577	mg/kg dry	2.89	ND	86.4	40-140				
1,2,4-Trichlorobenzene	1.87	0.577	"	2.89	ND	64.9	40-140				
1-Methylnaphthalene	1.80	0.577	"	2.89	ND	62.2	40-140				
2,4,5-Trichlorophenol	3.02	0.577	"	2.89	ND	105	30-130				
2,4,6-Trichlorophenol	2.80	0.577	"	2.89	ND	97.0	30-130				
2,4-Dichlorophenol	2.33	0.577	"	2.89	ND	80.7	30-130				
2,4-Dimethylphenol	2.21	0.577	"	2.89	ND	76.6	30-130				
2,4-Dinitrophenol	3.74	1.15	"	2.89	ND	130	30-130				
2,4-Dinitrotoluene	3.57	0.577	"	2.89	ND	124	40-140				
2,6-Dinitrotoluene	3.15	0.577	"	2.89	ND	109	40-140				
2-Chloronaphthalene	2.51	0.577	"	2.89	ND	87.0	40-140				
2-Chlorophenol	2.25	0.577	"	2.89	ND	78.1	30-130				
2-Methylnaphthalene	2.17	0.577	"	2.89	ND	75.0	40-140				
2-Methylphenol	2.24	0.577	"	2.89	ND	77.7	30-130				
2-Nitroaniline	3.15	0.577	"	2.89	ND	109	40-140				
2-Nitrophenol	2.07	0.577	"	2.89	ND	71.8	30-130				
3- & 4-Methylphenols	2.36	0.577	"	2.89	ND	81.8	30-130				
3,3'-Dichlorobenzidine	3.73	0.577	"	2.89	ND	129	40-140				
3-Nitroaniline	2.50	0.577	"	2.89	ND	86.6	40-140				
4,6-Dinitro-2-methylphenol	2.97	1.15	"	2.89	ND	103	30-130				
4-Bromophenyl phenyl ether	3.09	0.577	"	2.89	ND	107	40-140				
4-Chloro-3-methylphenol	2.61	0.577	"	2.89	ND	90.5	30-130				
4-Chloroaniline	2.00	0.577	"	2.89	ND	69.2	40-140				
4-Chlorophenyl phenyl ether	2.70	0.577	"	2.89	ND	93.7	40-140				
4-Nitroaniline	3.04	0.577	"	2.89	ND	105	40-140				
4-Nitrophenol	3.36	0.577	"	2.89	ND	116	30-130				
Acenaphthene	2.60	0.577	"	2.89	ND	90.1	40-140				
Acenaphthylene	2.51	0.577	"	2.89	ND	87.0	40-140				
Aniline	1.89	0.577	"	2.89	ND	65.6	40-140				
Anthracene	2.92	0.577	"	2.89	ND	101	40-140				
Benzo(a)anthracene	3.39	0.577	"	2.89	ND	117	40-140				
Benzo(a)pyrene	4.11	0.577	"	2.89	ND	142	40-140	High Bias			
Benzo(b)fluoranthene	4.05	0.577	"	2.89	ND	140	40-140				
Benzo(g,h,i)perylene	3.17	0.577	"	2.89	ND	110	40-140				
Benzo(k)fluoranthene	3.58	0.577	"	2.89	ND	124	40-140				
Benzyl butyl phthalate	3.10	0.577	"	2.89	ND	107	40-140				
Bis(2-chloroethoxy)methane	2.22	0.577	"	2.89	ND	76.8	40-140				
Bis(2-chloroethyl)ether	2.06	0.577	"	2.89	ND	71.4	40-140				
Bis(2-chloroisopropyl)ether	2.35	0.577	"	2.89	ND	81.4	40-140				
Bis(2-ethylhexyl)phthalate	2.55	0.577	"	2.89	ND	88.3	40-140				
Carbazole	3.36	0.577	"	2.89	ND	116	40-140				
Chrysene	3.35	0.577	"	2.89	ND	116	40-140				
Dibenzo(a,h)anthracene	3.33	0.577	"	2.89	ND	116	40-140				
Dibenzofuran	2.76	0.577	"	2.89	ND	95.5	40-140				
Diethyl phthalate	2.86	0.577	"	2.89	ND	99.0	40-140				
Dimethyl phthalate	3.08	0.577	"	2.89	ND	107	40-140				
Di-n-butyl phthalate	2.70	0.577	"	2.89	ND	93.6	40-140				
Di-n-octyl phthalate	2.99	0.577	"	2.89	ND	104	40-140				
Fluoranthene	3.07	0.577	"	2.89	ND	106	40-140				
Fluorene	2.66	0.577	"	2.89	ND	92.2	40-140				
Hexachlorobenzene	2.45	0.577	"	2.89	ND	84.9	40-140				



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 BG60164 - EPA 3546 SVOA

Matrix Spike (BG60164-MS1)	*Source sample: 16F1183-25 (B-16-5'-7')						Prepared: 07/06/2016 Analyzed: 07/08/2016				
Hexachlorobutadiene	1.79	0.577	mg/kg dry	2.89	ND	62.0	40-140				
Hexachlorocyclopentadiene	1.60	0.577	"	2.89	ND	55.3	40-140				
Hexachloroethane	1.83	0.577	"	2.89	ND	63.2	40-140				
Indeno(1,2,3-cd)pyrene	3.21	0.577	"	2.89	ND	111	40-140				
Isophorone	2.29	0.577	"	2.89	ND	79.5	40-140				
Naphthalene	1.96	0.577	"	2.89	ND	68.1	40-140				
Nitrobenzene	2.08	0.577	"	2.89	ND	72.2	40-140				
N-nitroso-di-n-propylamine	2.31	0.577	"	2.89	ND	80.1	40-140				
N-Nitrosodiphenylamine	2.92	0.577	"	2.89	ND	101	40-140				
Pentachloronitrobenzene	3.16	0.577	"	2.89	ND	109	40-140				
Pentachlorophenol	3.85	0.577	"	2.89	ND	133	30-130	High Bias			
Phenanthrene	2.86	0.577	"	2.89	ND	99.2	40-140				
Phenol	2.33	0.577	"	2.89	ND	80.8	30-130				
Pyrene	3.58	0.577	"	2.89	ND	124	40-140				
Pyridine	1.20	0.577	"	2.89	ND	41.7	40-140				
Surrogate: 2-Fluorophenol	2.88		"	4.35		66.1	30-130				
Surrogate: Phenol-d5	3.32		"	4.34		76.6	30-130				
Surrogate: Nitrobenzene-d5	1.77		"	2.90		61.0	30-130				
Surrogate: 2-Fluorobiphenyl	2.16		"	2.90		74.7	30-130				
Surrogate: 2,4,6-Tribromophenol	3.92		"	4.34		90.3	30-130				
Surrogate: Terphenyl-d14	2.56		"	2.90		88.2	30-130				

Batch BG60240 - EPA 3550C

Blank (BG60240-BLK1)	Prepared: 07/07/2016 Analyzed: 07/08/2016										
1,2,4,5-Tetrachlorobenzene	ND	0.250	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.250	"								
1-Methylnaphthalene	ND	0.250	"								
2,4,5-Trichlorophenol	ND	0.250	"								
2,4,6-Trichlorophenol	ND	0.250	"								
2,4-Dichlorophenol	ND	0.250	"								
2,4-Dimethylphenol	ND	0.250	"								
2,4-Dinitrophenol	ND	0.500	"								
2,4-Dinitrotoluene	ND	0.250	"								
2,6-Dinitrotoluene	ND	0.250	"								
2-Chloronaphthalene	ND	0.250	"								
2-Chlorophenol	ND	0.250	"								
2-Methylnaphthalene	ND	0.250	"								
2-Methylphenol	ND	0.250	"								
2-Nitroaniline	ND	0.250	"								
2-Nitrophenol	ND	0.250	"								
3- & 4-Methylphenols	ND	0.250	"								
3,3'-Dichlorobenzidine	ND	0.250	"								
3-Nitroaniline	ND	0.250	"								
4,6-Dinitro-2-methylphenol	ND	0.500	"								
4-Bromophenyl phenyl ether	ND	0.250	"								
4-Chloro-3-methylphenol	ND	0.250	"								
4-Chloroaniline	ND	0.250	"								
4-Chlorophenyl phenyl ether	ND	0.250	"								
4-Nitroaniline	ND	0.250	"								
4-Nitrophenol	ND	0.250	"								
Acenaphthene	ND	0.250	"								



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 BG60240 - EPA 3550C

Blank (BG60240-BLK1)

Prepared: 07/07/2016 Analyzed: 07/08/2016

Acenaphthylene	ND	0.250	mg/kg wet								
Aniline	ND	0.250	"								
Anthracene	ND	0.250	"								
Benzo(a)anthracene	ND	0.250	"								
Benzo(a)pyrene	ND	0.250	"								
Benzo(b)fluoranthene	ND	0.250	"								
Benzo(g,h,i)perylene	ND	0.250	"								
Benzo(k)fluoranthene	ND	0.250	"								
Benzyl butyl phthalate	ND	0.250	"								
Bis(2-chloroethoxy)methane	ND	0.250	"								
Bis(2-chloroethyl)ether	ND	0.250	"								
Bis(2-chloroisopropyl)ether	ND	0.250	"								
Bis(2-ethylhexyl)phthalate	ND	0.250	"								
Carbazole	ND	0.250	"								
Chrysene	ND	0.250	"								
Dibenzo(a,h)anthracene	ND	0.250	"								
Dibenzofuran	ND	0.250	"								
Diethyl phthalate	ND	0.250	"								
Dimethyl phthalate	ND	0.250	"								
Di-n-butyl phthalate	ND	0.250	"								
Di-n-octyl phthalate	ND	0.250	"								
Fluoranthene	ND	0.250	"								
Fluorene	ND	0.250	"								
Hexachlorobenzene	ND	0.250	"								
Hexachlorobutadiene	ND	0.250	"								
Hexachlorocyclopentadiene	ND	0.250	"								
Hexachloroethane	ND	0.250	"								
Indeno(1,2,3-cd)pyrene	ND	0.250	"								
Isophorone	ND	0.250	"								
Naphthalene	ND	0.250	"								
Nitrobenzene	ND	0.250	"								
N-nitroso-di-n-propylamine	ND	0.250	"								
N-Nitrosodiphenylamine	ND	0.250	"								
Pentachloronitrobenzene	ND	0.250	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.250	"								
Phenol	ND	0.250	"								
Pyrene	ND	0.250	"								
Pyridine	ND	0.250	"								
Surrogate: 2-Fluorophenol	3.45		"	3.77		91.5	30-130				
Surrogate: Phenol-d5	3.84		"	3.76		102	30-130				
Surrogate: Nitrobenzene-d5	2.53		"	2.51		101	30-130				
Surrogate: 2-Fluorobiphenyl	2.27		"	2.51		90.3	30-130				
Surrogate: 2,4,6-Tribromophenol	3.41		"	3.76		90.7	30-130				
Surrogate: Terphenyl-d14	1.84		"	2.51		73.4	30-130				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG60240 - EPA 3550C

LCS (BG60240-BS1)

Prepared: 07/07/2016 Analyzed: 07/08/2016

1,2,4,5-Tetrachlorobenzene	2.02	0.250	mg/kg wet	2.50		80.8	40-140				
1,2,4-Trichlorobenzene	1.74	0.250	"	2.50		69.7	40-140				
1-Methylnaphthalene	1.46	0.250	"	2.50		58.2	40-140				
2,4,5-Trichlorophenol	2.07	0.250	"	2.50		82.7	30-130				
2,4,6-Trichlorophenol	2.05	0.250	"	2.50		81.9	30-130				
2,4-Dichlorophenol	1.81	0.250	"	2.50		72.5	30-130				
2,4-Dimethylphenol	1.82	0.250	"	2.50		73.0	30-130				
2,4-Dinitrophenol	2.81	0.500	"	2.50		112	30-130				
2,4-Dinitrotoluene	2.51	0.250	"	2.50		100	40-140				
2,6-Dinitrotoluene	2.11	0.250	"	2.50		84.5	30-130				
2-Chloronaphthalene	1.96	0.250	"	2.50		78.5	40-140				
2-Chlorophenol	2.10	0.250	"	2.50		84.0	30-130				
2-Methylnaphthalene	1.73	0.250	"	2.50		69.2	40-140				
2-Methylphenol	1.76	0.250	"	2.50		70.3	30-130				
2-Nitroaniline	2.37	0.250	"	2.50		94.6	40-140				
2-Nitrophenol	1.92	0.250	"	2.50		76.7	30-130				
3- & 4-Methylphenols	1.81	0.250	"	2.50		72.3	30-130				
3,3'-Dichlorobenzidine	2.79	0.250	"	2.50		112	40-140				
3-Nitroaniline	1.72	0.250	"	2.50		68.7	40-140				
4,6-Dinitro-2-methylphenol	1.81	0.500	"	2.50		72.6	40-140				
4-Bromophenyl phenyl ether	1.88	0.250	"	2.50		75.3	40-140				
4-Chloro-3-methylphenol	1.84	0.250	"	2.50		73.8	30-130				
4-Chloroaniline	1.36	0.250	"	2.50		54.6	40-140				
4-Chlorophenyl phenyl ether	1.75	0.250	"	2.50		70.0	40-140				
4-Nitroaniline	1.40	0.250	"	2.50		56.0	40-140				
4-Nitrophenol	2.18	0.250	"	2.50		87.2	30-130				
Acenaphthene	1.93	0.250	"	2.50		77.1	40-140				
Acenaphthylene	1.82	0.250	"	2.50		72.8	40-140				
Aniline	1.38	0.250	"	2.50		55.4	40-140				
Anthracene	1.88	0.250	"	2.50		75.2	40-140				
Benzo(a)anthracene	2.40	0.250	"	2.50		96.0	40-140				
Benzo(a)pyrene	2.99	0.250	"	2.50		120	40-140				
Benzo(b)fluoranthene	2.62	0.250	"	2.50		105	40-140				
Benzo(g,h,i)perylene	2.85	0.250	"	2.50		114	40-140				
Benzo(k)fluoranthene	2.39	0.250	"	2.50		95.4	40-140				
Benzyl butyl phthalate	2.52	0.250	"	2.50		101	40-140				
Bis(2-chloroethoxy)methane	1.94	0.250	"	2.50		77.5	40-140				
Bis(2-chloroethyl)ether	2.13	0.250	"	2.50		85.3	40-140				
Bis(2-chloroisopropyl)ether	2.34	0.250	"	2.50		93.6	40-140				
Bis(2-ethylhexyl)phthalate	2.16	0.250	"	2.50		86.3	40-140				
Carbazole	1.93	0.250	"	2.50		77.1	40-140				
Chrysene	2.54	0.250	"	2.50		102	40-140				
Dibenzo(a,h)anthracene	2.64	0.250	"	2.50		106	40-140				
Dibenzofuran	1.94	0.250	"	2.50		77.6	40-140				
Diethyl phthalate	1.96	0.250	"	2.50		78.3	40-140				
Dimethyl phthalate	2.25	0.250	"	2.50		89.9	40-140				
Di-n-butyl phthalate	1.75	0.250	"	2.50		70.1	40-140				
Di-n-octyl phthalate	2.41	0.250	"	2.50		96.4	40-140				
Fluoranthene	1.93	0.250	"	2.50		77.2	40-140				
Fluorene	1.79	0.250	"	2.50		71.6	40-140				
Hexachlorobenzene	1.59	0.250	"	2.50		63.7	40-140				



Semivolatile 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 BG60240 - EPA 3550C

LCS (BG60240-BS1)

Prepared: 07/07/2016 Analyzed: 07/08/2016

Hexachlorobutadiene	1.64	0.250	mg/kg wet	2.50		65.7	40-140			
Hexachlorocyclopentadiene	2.25	0.250	"	2.50		89.8	40-140			
Hexachloroethane	2.10	0.250	"	2.50		83.8	40-140			
Indeno(1,2,3-cd)pyrene	2.50	0.250	"	2.50		100	40-140			
Isophorone	2.07	0.250	"	2.50		82.6	40-140			
Naphthalene	1.79	0.250	"	2.50		71.5	40-140			
Nitrobenzene	1.94	0.250	"	2.50		77.7	40-140			
N-nitroso-di-n-propylamine	2.13	0.250	"	2.50		85.1	40-140			
N-Nitrosodiphenylamine	1.80	0.250	"	2.50		71.8	40-140			
Pentachloronitrobenzene	2.29	0.250	"	2.50		91.7	40-140			
Pentachlorophenol	2.36	0.250	"	2.50		94.2	30-130			
Phenanthrene	1.87	0.250	"	2.50		74.9	40-140			
Phenol	1.80	0.250	"	2.50		72.2	30-130			
Pyrene	2.72	0.250	"	2.50		109	40-140			
Pyridine	1.63	0.250	"	2.50		65.4	40-140			
Surrogate: 2-Fluorophenol	3.40		"	3.77		90.3	30-130			
Surrogate: Phenol-d5	3.31		"	3.76		87.9	30-130			
Surrogate: Nitrobenzene-d5	2.25		"	2.51		89.6	30-130			
Surrogate: 2-Fluorobiphenyl	2.07		"	2.51		82.6	30-130			
Surrogate: 2,4,6-Tribromophenol	3.03		"	3.76		80.5	30-130			
Surrogate: Terphenyl-d14	2.39		"	2.51		95.4	30-130			

LCS Dup (BG60240-BSD1)

Prepared: 07/07/2016 Analyzed: 07/08/2016

1,2,4,5-Tetrachlorobenzene	2.00	0.250	mg/kg wet	2.50		80.1	40-140	0.920	30	
1,2,4-Trichlorobenzene	1.70	0.250	"	2.50		68.0	40-140	2.44	30	
1-Methylnaphthalene	1.43	0.250	"	2.50		57.1	40-140	1.91	30	
2,4,5-Trichlorophenol	2.03	0.250	"	2.50		81.3	30-130	1.66	30	
2,4,6-Trichlorophenol	2.01	0.250	"	2.50		80.5	30-130	1.65	30	
2,4-Dichlorophenol	1.77	0.250	"	2.50		70.8	30-130	2.37	30	
2,4-Dimethylphenol	1.77	0.250	"	2.50		70.7	30-130	3.23	30	
2,4-Dinitrophenol	2.55	0.500	"	2.50		102	30-130	9.51	30	
2,4-Dinitrotoluene	2.41	0.250	"	2.50		96.6	40-140	3.98	30	
2,6-Dinitrotoluene	2.04	0.250	"	2.50		81.8	30-130	3.27	30	
2-Chloronaphthalene	1.88	0.250	"	2.50		75.0	40-140	4.48	30	
2-Chlorophenol	2.02	0.250	"	2.50		81.0	30-130	3.68	30	
2-Methylnaphthalene	1.68	0.250	"	2.50		67.2	40-140	3.02	30	
2-Methylphenol	1.71	0.250	"	2.50		68.6	30-130	2.48	30	
2-Nitroaniline	2.29	0.250	"	2.50		91.5	40-140	3.42	30	
2-Nitrophenol	1.87	0.250	"	2.50		74.9	30-130	2.35	30	
3- & 4-Methylphenols	1.74	0.250	"	2.50		69.7	30-130	3.63	30	
3,3'-Dichlorobenzidine	2.71	0.250	"	2.50		108	40-140	3.09	30	
3-Nitroaniline	1.63	0.250	"	2.50		65.2	40-140	5.23	30	
4,6-Dinitro-2-methylphenol	1.70	0.500	"	2.50		67.9	40-140	6.66	30	
4-Bromophenyl phenyl ether	1.83	0.250	"	2.50		73.2	40-140	2.83	30	
4-Chloro-3-methylphenol	1.79	0.250	"	2.50		71.6	30-130	3.03	30	
4-Chloroaniline	1.36	0.250	"	2.50		54.6	40-140	0.0366	30	
4-Chlorophenyl phenyl ether	1.70	0.250	"	2.50		68.0	40-140	2.90	30	
4-Nitroaniline	1.38	0.250	"	2.50		55.4	40-140	1.08	30	
4-Nitrophenol	2.11	0.250	"	2.50		84.3	30-130	3.45	30	
Acenaphthene	1.87	0.250	"	2.50		74.9	40-140	2.84	30	
Acenaphthylene	1.76	0.250	"	2.50		70.6	40-140	3.07	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 BG60240 - EPA 3550C											
LCS Dup (BG60240-BSD1)											
										Prepared: 07/07/2016 Analyzed: 07/08/2016	
Aniline	1.41	0.250	mg/kg wet	2.50		56.5	40-140		1.93	30	
Anthracene	1.79	0.250	"	2.50		71.7	40-140		4.79	30	
Benzo(a)anthracene	2.28	0.250	"	2.50		91.3	40-140		5.00	30	
Benzo(a)pyrene	2.85	0.250	"	2.50		114	40-140		4.85	30	
Benzo(b)fluoranthene	2.52	0.250	"	2.50		101	40-140		3.89	30	
Benzo(g,h,i)perylene	2.74	0.250	"	2.50		110	40-140		4.04	30	
Benzo(k)fluoranthene	2.44	0.250	"	2.50		97.5	40-140		2.18	30	
Benzyl butyl phthalate	2.40	0.250	"	2.50		96.0	40-140		4.88	30	
Bis(2-chloroethoxy)methane	1.90	0.250	"	2.50		75.9	40-140		2.14	30	
Bis(2-chloroethyl)ether	2.11	0.250	"	2.50		84.6	40-140		0.848	30	
Bis(2-chloroisopropyl)ether	2.34	0.250	"	2.50		93.8	40-140		0.171	30	
Bis(2-ethylhexyl)phthalate	2.04	0.250	"	2.50		81.5	40-140		5.72	30	
Carbazole	1.83	0.250	"	2.50		73.3	40-140		5.11	30	
Chrysene	2.44	0.250	"	2.50		97.4	40-140		4.38	30	
Dibenzo(a,h)anthracene	2.55	0.250	"	2.50		102	40-140		3.74	30	
Dibenzofuran	1.86	0.250	"	2.50		74.4	40-140		4.24	30	
Diethyl phthalate	1.86	0.250	"	2.50		74.6	40-140		4.87	30	
Dimethyl phthalate	2.18	0.250	"	2.50		87.2	40-140		3.05	30	
Di-n-butyl phthalate	1.71	0.250	"	2.50		68.2	40-140		2.69	30	
Di-n-octyl phthalate	2.29	0.250	"	2.50		91.8	40-140		4.91	30	
Fluoranthene	1.86	0.250	"	2.50		74.3	40-140		3.83	30	
Fluorene	1.73	0.250	"	2.50		69.1	40-140		3.58	30	
Hexachlorobenzene	1.53	0.250	"	2.50		61.0	40-140		4.27	30	
Hexachlorobutadiene	1.59	0.250	"	2.50		63.7	40-140		3.21	30	
Hexachlorocyclopentadiene	2.09	0.250	"	2.50		83.6	40-140		7.15	30	
Hexachloroethane	2.08	0.250	"	2.50		83.1	40-140		0.815	30	
Indeno(1,2,3-cd)pyrene	2.39	0.250	"	2.50		95.5	40-140		4.58	30	
Isophorone	2.02	0.250	"	2.50		80.9	40-140		2.13	30	
Naphthalene	1.71	0.250	"	2.50		68.5	40-140		4.23	30	
Nitrobenzene	1.91	0.250	"	2.50		76.3	40-140		1.82	30	
N-nitroso-di-n-propylamine	2.12	0.250	"	2.50		84.8	40-140		0.424	30	
N-Nitrosodiphenylamine	1.73	0.250	"	2.50		69.2	40-140		3.63	30	
Pentachloronitrobenzene	2.17	0.250	"	2.50		86.9	40-140		5.44	30	
Pentachlorophenol	2.24	0.250	"	2.50		89.6	30-130		5.00	30	
Phenanthrene	1.83	0.250	"	2.50		73.1	40-140		2.41	30	
Phenol	1.77	0.250	"	2.50		71.0	30-130		1.70	30	
Pyrene	2.60	0.250	"	2.50		104	40-140		4.32	30	
Pyridine	0.664	0.250	"	2.50		26.6	40-140	Low Bias	84.4	30	Non-dir.
Surrogate: 2-Fluorophenol	3.10		"	3.77		82.2	30-130				
Surrogate: Phenol-d5	3.04		"	3.76		80.9	30-130				
Surrogate: Nitrobenzene-d5	2.06		"	2.51		82.2	30-130				
Surrogate: 2-Fluorobiphenyl	1.90		"	2.51		75.8	30-130				
Surrogate: 2,4,6-Tribromophenol	2.79		"	3.76		74.3	30-130				
Surrogate: Terphenyl-d14	2.20		"	2.51		87.6	30-130				



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 BG60050 - EPA SW846-3510C Low Level

Blank (BG60050-BLK1)

Prepared & Analyzed: 07/05/2016

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	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0400	"								
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	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0673</i>		<i>"</i>	<i>0.200</i>		<i>33.6</i>	<i>30-120</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0905</i>		<i>"</i>	<i>0.200</i>		<i>45.3</i>	<i>30-120</i>				

LCS (BG60050-BS1)

Prepared & Analyzed: 07/05/2016

4,4'-DDD	0.0614	0.00400	ug/L	0.100		61.4	40-120				
4,4'-DDE	0.0573	0.00400	"	0.100		57.3	40-120				
4,4'-DDT	0.0587	0.00400	"	0.100		58.7	40-120				
Aldrin	0.0429	0.00400	"	0.100		42.9	40-120				
alpha-BHC	0.0509	0.00400	"	0.100		50.9	40-120				
beta-BHC	0.0509	0.00400	"	0.100		50.9	40-120				
delta-BHC	0.0531	0.00400	"	0.100		53.1	40-120				
Dieldrin	0.0502	0.00200	"	0.100		50.2	40-120				
Endosulfan I	0.0494	0.00400	"	0.100		49.4	40-120				
Endosulfan II	0.0537	0.00400	"	0.100		53.7	40-120				
Endosulfan sulfate	0.0552	0.00400	"	0.100		55.2	40-120				
Endrin	0.0562	0.00400	"	0.100		56.2	40-120				
Endrin aldehyde	0.0576	0.0100	"	0.100		57.6	40-120				
Endrin ketone	0.0636	0.0100	"	0.100		63.6	40-120				
gamma-BHC (Lindane)	0.0498	0.00400	"	0.100		49.8	40-120				
Heptachlor	0.0431	0.00400	"	0.100		43.1	40-120				
Heptachlor epoxide	0.0487	0.00400	"	0.100		48.7	40-120				
Methoxychlor	0.0566	0.00400	"	0.100		56.6	40-120				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0715</i>		<i>"</i>	<i>0.200</i>		<i>35.7</i>	<i>30-120</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.109</i>		<i>"</i>	<i>0.200</i>		<i>54.5</i>	<i>30-120</i>				



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 BG60160 - EPA 3545A

Blank (BG60160-BLK1)

Prepared: 07/06/2016 Analyzed: 07/07/2016

4,4'-DDD	ND	0.000500	mg/kg wet								
4,4'-DDE	ND	0.000500	"								
4,4'-DDT	ND	0.000500	"								
Alachlor	ND	0.000500	"								
Aldrin	ND	0.000500	"								
alpha-BHC	ND	0.000500	"								
beta-BHC	ND	0.000500	"								
Chlordane, total	ND	0.00198	"								
delta-BHC	ND	0.000500	"								
Dieldrin	ND	0.000500	"								
Endosulfan I	ND	0.000500	"								
Endosulfan II	ND	0.000500	"								
Endosulfan sulfate	ND	0.000500	"								
Endrin	ND	0.000500	"								
Endrin aldehyde	ND	0.000500	"								
Endrin ketone	ND	0.000500	"								
gamma-BHC (Lindane)	ND	0.000500	"								
Heptachlor	ND	0.000500	"								
Heptachlor epoxide	ND	0.000500	"								
Methoxychlor	ND	0.000500	"								
Toxaphene	ND	0.0250	"								

<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0888</i>		<i>"</i>	<i>0.100</i>		<i>88.8</i>	<i>30-140</i>				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0827</i>		<i>"</i>	<i>0.100</i>		<i>82.7</i>	<i>30-140</i>				

LCS (BG60160-BS1)

Prepared: 07/06/2016 Analyzed: 07/07/2016

4,4'-DDD	0.0461	0.000500	mg/kg wet	0.0500		92.2	40-140				
4,4'-DDE	0.0417	0.000500	"	0.0500		83.4	40-140				
4,4'-DDT	0.0457	0.000500	"	0.0500		91.4	40-140				
Alachlor	0.0363	0.000500	"	0.0500		72.6	40-140				
Aldrin	0.0385	0.000500	"	0.0500		77.0	40-140				
alpha-BHC	0.0442	0.000500	"	0.0500		88.3	40-140				
beta-BHC	0.0423	0.000500	"	0.0500		84.7	40-140				
delta-BHC	0.0434	0.000500	"	0.0500		86.8	40-140				
Dieldrin	0.0413	0.000500	"	0.0500		82.6	40-140				
Endosulfan I	0.0411	0.000500	"	0.0500		82.2	40-140				
Endosulfan II	0.0432	0.000500	"	0.0500		86.4	40-140				
Endosulfan sulfate	0.0430	0.000500	"	0.0500		85.9	40-140				
Endrin	0.0418	0.000500	"	0.0500		83.7	40-140				
Endrin aldehyde	0.0396	0.000500	"	0.0500		79.2	40-140				
Endrin ketone	0.0426	0.000500	"	0.0500		85.2	40-140				
gamma-BHC (Lindane)	0.0419	0.000500	"	0.0500		83.9	40-140				
Heptachlor	0.0351	0.000500	"	0.0500		70.2	40-140				
Heptachlor epoxide	0.0373	0.000500	"	0.0500		74.7	40-140				
Methoxychlor	0.0418	0.000500	"	0.0500		83.6	40-140				

<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0806</i>		<i>"</i>	<i>0.100</i>		<i>80.6</i>	<i>30-140</i>				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0674</i>		<i>"</i>	<i>0.100</i>		<i>67.4</i>	<i>30-140</i>				



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 BG60160 - EPA 3545A

LCS Dup (BG60160-BSD1)

Prepared: 07/06/2016 Analyzed: 07/07/2016

4,4'-DDD	0.0511	0.000500	mg/kg wet	0.0500		102	40-140		10.4	30	
4,4'-DDE	0.0455	0.000500	"	0.0500		91.0	40-140		8.67	30	
4,4'-DDT	0.0496	0.000500	"	0.0500		99.2	40-140		8.23	30	
Alachlor	0.0390	0.000500	"	0.0500		78.0	40-140		7.15	30	
Aldrin	0.0412	0.000500	"	0.0500		82.4	40-140		6.76	30	
alpha-BHC	0.0466	0.000500	"	0.0500		93.2	40-140		5.37	30	
beta-BHC	0.0455	0.000500	"	0.0500		90.9	40-140		7.15	30	
delta-BHC	0.0465	0.000500	"	0.0500		93.0	40-140		6.88	30	
Dieldrin	0.0443	0.000500	"	0.0500		88.5	40-140		6.97	30	
Endosulfan I	0.0442	0.000500	"	0.0500		88.5	40-140		7.36	30	
Endosulfan II	0.0463	0.000500	"	0.0500		92.7	40-140		7.00	30	
Endosulfan sulfate	0.0464	0.000500	"	0.0500		92.9	40-140		7.78	30	
Endrin	0.0450	0.000500	"	0.0500		90.0	40-140		7.29	30	
Endrin aldehyde	0.0426	0.000500	"	0.0500		85.2	40-140		7.26	30	
Endrin ketone	0.0459	0.000500	"	0.0500		91.9	40-140		7.55	30	
gamma-BHC (Lindane)	0.0443	0.000500	"	0.0500		88.6	40-140		5.47	30	
Heptachlor	0.0376	0.000500	"	0.0500		75.2	40-140		6.93	30	
Heptachlor epoxide	0.0398	0.000500	"	0.0500		79.6	40-140		6.41	30	
Methoxychlor	0.0454	0.000500	"	0.0500		90.8	40-140		8.23	30	
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0870</i>		<i>"</i>	<i>0.100</i>		<i>87.0</i>	<i>30-140</i>				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0735</i>		<i>"</i>	<i>0.100</i>		<i>73.5</i>	<i>30-140</i>				

Matrix Spike (BG60160-MS1)

*Source sample: 16F1183-04 (B-3-2'-4')

Prepared: 07/06/2016 Analyzed: 07/07/2016

4,4'-DDD	0.0522	0.00257	mg/kg dry	0.0513	ND	102	30-150				
4,4'-DDE	0.0516	0.00257	"	0.0513	ND	101	30-150				
4,4'-DDT	0.0593	0.00257	"	0.0513	ND	115	30-150				
Alachlor	0.0619	0.00257	"	0.0513	ND	121	30-150				
Aldrin	0.0549	0.00257	"	0.0513	ND	107	30-150				
alpha-BHC	0.0549	0.00257	"	0.0513	ND	107	30-150				
beta-BHC	0.0603	0.00257	"	0.0513	ND	117	30-150				
delta-BHC	0.0558	0.00257	"	0.0513	ND	109	30-150				
Dieldrin	0.0577	0.00257	"	0.0513	ND	112	30-150				
Endosulfan I	0.0581	0.00257	"	0.0513	ND	113	30-150				
Endosulfan II	0.0646	0.00257	"	0.0513	ND	126	30-150				
Endosulfan sulfate	0.0653	0.00257	"	0.0513	ND	127	30-150				
Endrin	0.0631	0.00257	"	0.0513	ND	123	30-150				
Endrin aldehyde	0.0600	0.00257	"	0.0513	ND	117	30-150				
Endrin ketone	0.0612	0.00257	"	0.0513	ND	119	30-150				
gamma-BHC (Lindane)	0.0557	0.00257	"	0.0513	ND	109	30-150				
Heptachlor	0.0536	0.00257	"	0.0513	ND	105	30-150				
Heptachlor epoxide	0.0573	0.00257	"	0.0513	ND	112	30-150				
Methoxychlor	0.0584	0.00257	"	0.0513	ND	114	30-150				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.134</i>		<i>"</i>	<i>0.103</i>		<i>131</i>	<i>30-140</i>				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.105</i>		<i>"</i>	<i>0.103</i>		<i>103</i>	<i>30-140</i>				



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 BG60194 - EPA 3545A

Blank (BG60194-BLK1)

Prepared & Analyzed: 07/07/2016

4,4'-DDD	ND	0.000500	mg/kg wet								
4,4'-DDE	ND	0.000500	"								
4,4'-DDT	ND	0.000500	"								
Alachlor	ND	0.000500	"								
Aldrin	ND	0.000500	"								
alpha-BHC	ND	0.000500	"								
beta-BHC	ND	0.000500	"								
Chlordane, total	ND	0.00198	"								
delta-BHC	ND	0.000500	"								
Dieldrin	ND	0.000500	"								
Endosulfan I	ND	0.000500	"								
Endosulfan II	ND	0.000500	"								
Endosulfan sulfate	ND	0.000500	"								
Endrin	ND	0.000500	"								
Endrin aldehyde	ND	0.000500	"								
Endrin ketone	ND	0.000500	"								
gamma-BHC (Lindane)	ND	0.000500	"								
Heptachlor	ND	0.000500	"								
Heptachlor epoxide	ND	0.000500	"								
Methoxychlor	ND	0.000500	"								
Toxaphene	ND	0.0250	"								

Surrogate: Decachlorobiphenyl

0.115

"

0.100

115

30-140

Surrogate: Tetrachloro-m-xylene

0.0964

"

0.100

96.4

30-140

LCS (BG60194-BS1)

Prepared & Analyzed: 07/07/2016

4,4'-DDD	0.0341	0.000500	mg/kg wet	0.0500		68.2	40-140				
4,4'-DDE	0.0342	0.000500	"	0.0500		68.5	40-140				
4,4'-DDT	0.0410	0.000500	"	0.0500		82.1	40-140				
Alachlor	0.0374	0.000500	"	0.0500		74.7	40-140				
Aldrin	0.0363	0.000500	"	0.0500		72.6	40-140				
alpha-BHC	0.0396	0.000500	"	0.0500		79.1	40-140				
beta-BHC	0.0387	0.000500	"	0.0500		77.4	40-140				
delta-BHC	0.0398	0.000500	"	0.0500		79.6	40-140				
Dieldrin	0.0380	0.000500	"	0.0500		76.0	40-140				
Endosulfan I	0.0393	0.000500	"	0.0500		78.5	40-140				
Endosulfan II	0.0411	0.000500	"	0.0500		82.2	40-140				
Endosulfan sulfate	0.0412	0.000500	"	0.0500		82.5	40-140				
Endrin	0.0397	0.000500	"	0.0500		79.4	40-140				
Endrin aldehyde	0.0403	0.000500	"	0.0500		80.7	40-140				
Endrin ketone	0.0404	0.000500	"	0.0500		80.8	40-140				
gamma-BHC (Lindane)	0.0382	0.000500	"	0.0500		76.4	40-140				
Heptachlor	0.0344	0.000500	"	0.0500		68.9	40-140				
Heptachlor epoxide	0.0353	0.000500	"	0.0500		70.7	40-140				
Methoxychlor	0.0346	0.000500	"	0.0500		69.2	40-140				

Surrogate: Decachlorobiphenyl

0.0723

"

0.100

72.3

30-140

Surrogate: Tetrachloro-m-xylene

0.0578

"

0.100

57.8

30-140



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
Batch BG60194 - EPA 3545A											
LCS Dup (BG60194-BSD1)											
										Prepared & Analyzed: 07/07/2016	
4,4'-DDD	0.0379	0.000500	mg/kg wet	0.0500		75.8	40-140		10.6	30	
4,4'-DDE	0.0347	0.000500	"	0.0500		69.4	40-140		1.44	30	
4,4'-DDT	0.0415	0.000500	"	0.0500		83.0	40-140		1.18	30	
Alachlor	0.0368	0.000500	"	0.0500		73.5	40-140		1.62	30	
Aldrin	0.0355	0.000500	"	0.0500		71.0	40-140		2.25	30	
alpha-BHC	0.0385	0.000500	"	0.0500		77.0	40-140		2.75	30	
beta-BHC	0.0384	0.000500	"	0.0500		76.7	40-140		0.920	30	
delta-BHC	0.0396	0.000500	"	0.0500		79.1	40-140		0.596	30	
Dieldrin	0.0386	0.000500	"	0.0500		77.2	40-140		1.64	30	
Endosulfan I	0.0387	0.000500	"	0.0500		77.4	40-140		1.49	30	
Endosulfan II	0.0433	0.000500	"	0.0500		86.6	40-140		5.19	30	
Endosulfan sulfate	0.0450	0.000500	"	0.0500		90.1	40-140		8.82	30	
Endrin	0.0406	0.000500	"	0.0500		81.3	40-140		2.27	30	
Endrin aldehyde	0.0438	0.000500	"	0.0500		87.6	40-140		8.23	30	
Endrin ketone	0.0445	0.000500	"	0.0500		89.1	40-140		9.70	30	
gamma-BHC (Lindane)	0.0372	0.000500	"	0.0500		74.5	40-140		2.61	30	
Heptachlor	0.0336	0.000500	"	0.0500		67.1	40-140		2.61	30	
Heptachlor epoxide	0.0350	0.000500	"	0.0500		70.0	40-140		1.01	30	
Methoxychlor	0.0392	0.000500	"	0.0500		78.4	40-140		12.4	30	
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0787</i>		<i>"</i>	<i>0.100</i>		<i>78.7</i>	<i>30-140</i>				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0569</i>		<i>"</i>	<i>0.100</i>		<i>56.9</i>	<i>30-140</i>				
Matrix Spike (BG60194-MS1)											
										Prepared & Analyzed: 07/07/2016	
<i>*Source sample: 16F1183-42 (B-27-1'-3')</i>											
4,4'-DDD	0.0270	0.00255	mg/kg dry	0.0510	ND	53.0	30-150				
4,4'-DDE	0.0266	0.00255	"	0.0510	ND	52.1	30-150				
4,4'-DDT	0.0345	0.00255	"	0.0510	ND	67.6	30-150				
Alachlor	0.0427	0.00255	"	0.0510	ND	83.7	30-150				
Aldrin	0.0296	0.00255	"	0.0510	ND	58.1	30-150				
alpha-BHC	0.0363	0.00255	"	0.0510	ND	71.2	30-150				
beta-BHC	0.0408	0.00255	"	0.0510	ND	80.0	30-150				
delta-BHC	0.0362	0.00255	"	0.0510	ND	71.0	30-150				
Dieldrin	0.0361	0.00255	"	0.0510	ND	70.9	30-150				
Endosulfan I	0.0381	0.00255	"	0.0510	ND	74.7	30-150				
Endosulfan II	0.0428	0.00255	"	0.0510	ND	84.0	30-150				
Endosulfan sulfate	0.0441	0.00255	"	0.0510	ND	86.5	30-150				
Endrin	0.0404	0.00255	"	0.0510	ND	79.2	30-150				
Endrin aldehyde	0.0406	0.00255	"	0.0510	ND	79.7	30-150				
Endrin ketone	0.0439	0.00255	"	0.0510	ND	86.1	30-150				
gamma-BHC (Lindane)	0.0379	0.00255	"	0.0510	ND	74.3	30-150				
Heptachlor	0.0332	0.00255	"	0.0510	ND	65.2	30-150				
Heptachlor epoxide	0.0382	0.00255	"	0.0510	ND	75.0	30-150				
Methoxychlor	0.0371	0.00255	"	0.0510	ND	72.8	30-150				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0921</i>		<i>"</i>	<i>0.102</i>		<i>90.3</i>	<i>30-140</i>				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0608</i>		<i>"</i>	<i>0.102</i>		<i>59.6</i>	<i>30-140</i>				



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 BG60195 - EPA 3545A

Blank (BG60195-BLK1)

Prepared & Analyzed: 07/07/2016

4,4'-DDD	ND	0.000500	mg/kg wet								
4,4'-DDE	ND	0.000500	"								
4,4'-DDT	ND	0.000500	"								
Alachlor	ND	0.000500	"								
Aldrin	ND	0.000500	"								
alpha-BHC	ND	0.000500	"								
beta-BHC	ND	0.000500	"								
Chlordane, total	ND	0.00198	"								
delta-BHC	ND	0.000500	"								
Dieldrin	ND	0.000500	"								
Endosulfan I	ND	0.000500	"								
Endosulfan II	ND	0.000500	"								
Endosulfan sulfate	ND	0.000500	"								
Endrin	ND	0.000500	"								
Endrin aldehyde	ND	0.000500	"								
Endrin ketone	ND	0.000500	"								
gamma-BHC (Lindane)	ND	0.000500	"								
Heptachlor	ND	0.000500	"								
Heptachlor epoxide	ND	0.000500	"								
Methoxychlor	ND	0.000500	"								
Toxaphene	ND	0.0250	"								

Surrogate: Decachlorobiphenyl

0.0934

"

0.100

93.4

30-140

Surrogate: Tetrachloro-m-xylene

0.0662

"

0.100

66.2

30-140

LCS (BG60195-BS1)

Prepared & Analyzed: 07/07/2016

4,4'-DDD	0.0327	0.000500	mg/kg wet	0.0500		65.3	40-140				
4,4'-DDE	0.0322	0.000500	"	0.0500		64.5	40-140				
4,4'-DDT	0.0438	0.000500	"	0.0500		87.7	40-140				
Alachlor	0.0395	0.000500	"	0.0500		79.1	40-140				
Aldrin	0.0376	0.000500	"	0.0500		75.3	40-140				
alpha-BHC	0.0450	0.000500	"	0.0500		90.0	40-140				
beta-BHC	0.0423	0.000500	"	0.0500		84.7	40-140				
delta-BHC	0.0423	0.000500	"	0.0500		84.6	40-140				
Dieldrin	0.0399	0.000500	"	0.0500		79.9	40-140				
Endosulfan I	0.0414	0.000500	"	0.0500		82.7	40-140				
Endosulfan II	0.0420	0.000500	"	0.0500		84.1	40-140				
Endosulfan sulfate	0.0413	0.000500	"	0.0500		82.7	40-140				
Endrin	0.0410	0.000500	"	0.0500		82.0	40-140				
Endrin aldehyde	0.0396	0.000500	"	0.0500		79.2	40-140				
Endrin ketone	0.0412	0.000500	"	0.0500		82.4	40-140				
gamma-BHC (Lindane)	0.0430	0.000500	"	0.0500		85.9	40-140				
Heptachlor	0.0371	0.000500	"	0.0500		74.2	40-140				
Heptachlor epoxide	0.0369	0.000500	"	0.0500		73.9	40-140				
Methoxychlor	0.0356	0.000500	"	0.0500		71.2	40-140				

Surrogate: Decachlorobiphenyl

0.0875

"

0.100

87.5

30-140

Surrogate: Tetrachloro-m-xylene

0.0753

"

0.100

75.3

30-140



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 BG60195 - EPA 3545A

LCS Dup (BG60195-BSD1)

Prepared & Analyzed: 07/07/2016

4,4'-DDD	0.0438	0.000500	mg/kg wet	0.0500		87.6	40-140		29.2	30	
4,4'-DDE	0.0408	0.000500	"	0.0500		81.5	40-140		23.3	30	
4,4'-DDT	0.0493	0.000500	"	0.0500		98.7	40-140		11.8	30	
Alachlor	0.0430	0.000500	"	0.0500		86.0	40-140		8.44	30	
Aldrin	0.0396	0.000500	"	0.0500		79.2	40-140		5.06	30	
alpha-BHC	0.0466	0.000500	"	0.0500		93.2	40-140		3.44	30	
beta-BHC	0.0467	0.000500	"	0.0500		93.4	40-140		9.78	30	
delta-BHC	0.0472	0.000500	"	0.0500		94.5	40-140		11.1	30	
Dieldrin	0.0446	0.000500	"	0.0500		89.1	40-140		11.0	30	
Endosulfan I	0.0440	0.000500	"	0.0500		87.9	40-140		6.08	30	
Endosulfan II	0.0481	0.000500	"	0.0500		96.2	40-140		13.4	30	
Endosulfan sulfate	0.0486	0.000500	"	0.0500		97.1	40-140		16.1	30	
Endrin	0.0457	0.000500	"	0.0500		91.4	40-140		10.8	30	
Endrin aldehyde	0.0455	0.000500	"	0.0500		91.0	40-140		13.9	30	
Endrin ketone	0.0484	0.000500	"	0.0500		96.7	40-140		16.0	30	
gamma-BHC (Lindane)	0.0447	0.000500	"	0.0500		89.4	40-140		4.01	30	
Heptachlor	0.0384	0.000500	"	0.0500		76.8	40-140		3.46	30	
Heptachlor epoxide	0.0401	0.000500	"	0.0500		80.1	40-140		8.12	30	
Methoxychlor	0.0434	0.000500	"	0.0500		86.7	40-140		19.6	30	
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0929</i>		<i>"</i>	<i>0.100</i>		<i>92.9</i>	<i>30-140</i>				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0753</i>		<i>"</i>	<i>0.100</i>		<i>75.3</i>	<i>30-140</i>				

Matrix Spike (BG60195-MS1)

*Source sample: 16F1183-38 (B-24-2'-4')

Prepared: 07/07/2016 Analyzed: 07/08/2016

4,4'-DDD	0.0649	0.00260	mg/kg dry	0.0521	ND	125	30-150				
4,4'-DDE	0.0528	0.00260	"	0.0521	ND	101	30-150				
4,4'-DDT	0.0706	0.00260	"	0.0521	ND	136	30-150				
Alachlor	0.0668	0.00260	"	0.0521	ND	128	30-150				
Aldrin	0.0475	0.00260	"	0.0521	ND	91.3	30-150				
alpha-BHC	0.0479	0.00260	"	0.0521	ND	91.9	30-150				
beta-BHC	0.0583	0.00260	"	0.0521	ND	112	30-150				
delta-BHC	0.0562	0.00260	"	0.0521	ND	108	30-150				
Dieldrin	0.0498	0.00260	"	0.0521	ND	95.6	30-150				
Endosulfan I	0.0520	0.00260	"	0.0521	ND	99.9	30-150				
Endosulfan II	0.0602	0.00260	"	0.0521	ND	116	30-150				
Endosulfan sulfate	0.0668	0.00260	"	0.0521	ND	128	30-150				
Endrin	0.0610	0.00260	"	0.0521	ND	117	30-150				
Endrin aldehyde	0.0591	0.00260	"	0.0521	ND	113	30-150				
Endrin ketone	0.0698	0.00260	"	0.0521	ND	134	30-150				
gamma-BHC (Lindane)	0.0484	0.00260	"	0.0521	ND	92.9	30-150				
Heptachlor	0.0509	0.00260	"	0.0521	ND	97.7	30-150				
Heptachlor epoxide	0.0511	0.00260	"	0.0521	ND	98.1	30-150				
Methoxychlor	0.0734	0.00260	"	0.0521	ND	141	30-150				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.106</i>		<i>"</i>	<i>0.104</i>		<i>101</i>	<i>30-140</i>				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0448</i>		<i>"</i>	<i>0.104</i>		<i>43.0</i>	<i>30-140</i>				



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
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Batch BG60050 - EPA SW846-3510C Low Level

Blank (BG60050-BLK2)

Prepared & Analyzed: 07/05/2016

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>	0.0550		"	0.200		27.5	30-120				
<i>Surrogate: Decachlorobiphenyl</i>	0.0650		"	0.200		32.5	30-120				

LCS (BG60050-BS2)

Prepared & Analyzed: 07/05/2016

Aroclor 1016	0.614	0.0500	ug/L	1.00		61.4	40-120				
Aroclor 1260	0.672	0.0500	"	1.00		67.2	40-120				
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0960		"	0.200		48.0	30-120				
<i>Surrogate: Decachlorobiphenyl</i>	0.127		"	0.200		63.5	30-120				

LCS Dup (BG60050-BSD2)

Prepared & Analyzed: 07/05/2016

Aroclor 1016	0.575	0.0500	ug/L	1.00		57.5	40-120	6.52	30		
Aroclor 1260	0.571	0.0500	"	1.00		57.1	40-120	16.2	30		
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0790		"	0.200		39.5	30-120				
<i>Surrogate: Decachlorobiphenyl</i>	0.106		"	0.200		53.0	30-120				

Batch BG60160 - EPA 3545A

Blank (BG60160-BLK2)

Prepared: 07/06/2016 Analyzed: 07/07/2016

Aroclor 1016	ND	0.0250	mg/kg wet								
Aroclor 1221	ND	0.0250	"								
Aroclor 1232	ND	0.0250	"								
Aroclor 1242	ND	0.0250	"								
Aroclor 1248	ND	0.0250	"								
Aroclor 1254	ND	0.0250	"								
Aroclor 1260	ND	0.0250	"								
Aroclor 1262	ND	0.0250	"								
Aroclor 1268	ND	0.0250	"								
Total PCBs	ND	0.0250	"								

<i>Surrogate: Tetrachloro-m-xylene</i>	0.110		"	0.100		110	30-140				
<i>Surrogate: Decachlorobiphenyl</i>	0.0775		"	0.100		77.5	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
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Batch BG60160 - EPA 3545A

LCS (BG60160-BS2)							Prepared: 07/06/2016 Analyzed: 07/07/2016				
Aroclor 1016	0.575	0.0250	mg/kg wet	0.500		115	40-130				
Aroclor 1260	0.498	0.0250	"	0.500		99.7	40-130				
Surrogate: Tetrachloro-m-xylene	0.102		"	0.100		102	30-140				
Surrogate: Decachlorobiphenyl	0.0735		"	0.100		73.5	30-140				

Batch BG60194 - EPA 3545A

Blank (BG60194-BLK2)							Prepared & Analyzed: 07/07/2016				
Aroclor 1016	ND	0.0250	mg/kg wet								
Aroclor 1221	ND	0.0250	"								
Aroclor 1232	ND	0.0250	"								
Aroclor 1242	ND	0.0250	"								
Aroclor 1248	ND	0.0250	"								
Aroclor 1254	ND	0.0250	"								
Aroclor 1260	ND	0.0250	"								
Aroclor 1262	ND	0.0250	"								
Aroclor 1268	ND	0.0250	"								
Total PCBs	ND	0.0250	"								
Surrogate: Tetrachloro-m-xylene	0.123		"	0.100		123	30-140				
Surrogate: Decachlorobiphenyl	0.128		"	0.100		128	30-140				

LCS (BG60194-BS2)							Prepared & Analyzed: 07/07/2016				
Aroclor 1016	0.350	0.0250	mg/kg wet	0.500		69.9	40-130				
Aroclor 1260	0.288	0.0250	"	0.500		57.6	40-130				
Surrogate: Tetrachloro-m-xylene	0.0695		"	0.100		69.5	30-140				
Surrogate: Decachlorobiphenyl	0.0650		"	0.100		65.0	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
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Batch BG60194 - EPA 3545A

LCS Dup (BG60194-BSD2)

Prepared & Analyzed: 07/07/2016

Aroclor 1016	0.329	0.0250	mg/kg wet	0.500		65.8	40-130		6.13	25	
Aroclor 1260	0.264	0.0250	"	0.500		52.9	40-130		8.58	25	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0710</i>		"	<i>0.100</i>		<i>71.0</i>	<i>30-140</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0650</i>		"	<i>0.100</i>		<i>65.0</i>	<i>30-140</i>				

Batch BG60195 - EPA 3545A

Blank (BG60195-BLK2)

Prepared: 07/07/2016 Analyzed: 07/08/2016

Aroclor 1016	ND	0.0250	mg/kg wet								
Aroclor 1221	ND	0.0250	"								
Aroclor 1232	ND	0.0250	"								
Aroclor 1242	ND	0.0250	"								
Aroclor 1248	ND	0.0250	"								
Aroclor 1254	ND	0.0250	"								
Aroclor 1260	ND	0.0250	"								
Aroclor 1262	ND	0.0250	"								
Aroclor 1268	ND	0.0250	"								
Total PCBs	ND	0.0250	"								
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.103</i>		"	<i>0.100</i>		<i>103</i>	<i>30-140</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0865</i>		"	<i>0.100</i>		<i>86.5</i>	<i>30-140</i>				

LCS (BG60195-BS2)

Prepared: 07/07/2016 Analyzed: 07/08/2016

Aroclor 1016	0.504	0.0250	mg/kg wet	0.500		101	40-130				
Aroclor 1260	0.461	0.0250	"	0.500		92.1	40-130				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0990</i>		"	<i>0.100</i>		<i>99.0</i>	<i>30-140</i>				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0820</i>		"	<i>0.100</i>		<i>82.0</i>	<i>30-140</i>				



Gas Chromatography/Flame Ionization Detector - 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 BG60058 - EPA 3545A											
Blank (BG60058-BLK1)											Prepared: 07/05/2016 Analyzed: 07/06/2016
ETPH (Extractable Total Petroleum Hydrocarboi	ND	10.0	mg/kg wet								
<i>Surrogate: 1-Chlorooctadecane</i>	8.10		"	10.0		81.0	50-150				
LCS (BG60058-BS1)											Prepared: 07/05/2016 Analyzed: 07/06/2016
ETPH (Extractable Total Petroleum Hydrocarboi	70.1	10.0	mg/kg wet	75.0		93.5	60-120				
<i>Surrogate: 1-Chlorooctadecane</i>	7.00		"	10.0		70.0	50-150				
LCS Dup (BG60058-BSD1)											Prepared: 07/05/2016 Analyzed: 07/06/2016
ETPH (Extractable Total Petroleum Hydrocarboi	78.7	10.0	mg/kg wet	75.0		105	60-120		11.5	30	
<i>Surrogate: 1-Chlorooctadecane</i>	8.95		"	10.0		89.5	50-150				
Matrix Spike (BG60058-MS1)											*Source sample: 16F1183-05 (B-3-6'-8')
ETPH (Extractable Total Petroleum Hydrocarboi	99.9	10.3	mg/kg dry	77.2	ND	129	50-150				
<i>Surrogate: 1-Chlorooctadecane</i>	9.93		"	10.3		96.4	50-150				
Batch BG60120 - EPA 3545A											
Blank (BG60120-BLK1)											Prepared: 07/06/2016 Analyzed: 07/07/2016
ETPH (Extractable Total Petroleum Hydrocarboi	ND	10.0	mg/kg wet								
<i>Surrogate: 1-Chlorooctadecane</i>	8.31		"	10.0		83.1	50-150				
LCS (BG60120-BS1)											Prepared: 07/06/2016 Analyzed: 07/07/2016
ETPH (Extractable Total Petroleum Hydrocarboi	82.8	10.0	mg/kg wet	75.0		110	60-120				
<i>Surrogate: 1-Chlorooctadecane</i>	8.88		"	10.0		88.8	50-150				
LCS Dup (BG60120-BSD1)											Prepared: 07/06/2016 Analyzed: 07/07/2016
ETPH (Extractable Total Petroleum Hydrocarboi	84.4	10.0	mg/kg wet	75.0		113	60-120		1.95	30	
<i>Surrogate: 1-Chlorooctadecane</i>	8.46		"	10.0		84.6	50-150				



Gas Chromatography/Flame Ionization Detector - 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 BG60120 - EPA 3545A											
Matrix Spike (BG60120-MS1)		*Source sample: 16F1183-17 (B-12-2'-4')					Prepared: 07/06/2016 Analyzed: 07/07/2016				
ETPH (Extractable Total Petroleum Hydrocarboi	90.7	10.2	mg/kg dry	76.5	ND	119	50-150				
<i>Surrogate: 1-Chlorooctadecane</i>	8.76		"	10.2		85.9	50-150				
Batch BG60215 - EPA 3545A											
Blank (BG60215-BLK1)							Prepared: 07/07/2016 Analyzed: 07/08/2016				
ETPH (Extractable Total Petroleum Hydrocarboi	ND	10.0	mg/kg wet								
<i>Surrogate: 1-Chlorooctadecane</i>	9.23		"	10.0		92.3	50-150				
LCS (BG60215-BS1)							Prepared: 07/07/2016 Analyzed: 07/08/2016				
ETPH (Extractable Total Petroleum Hydrocarboi	80.9	10.0	mg/kg wet	75.0		108	60-120				
<i>Surrogate: 1-Chlorooctadecane</i>	11.6		"	10.0		116	50-150				
LCS Dup (BG60215-BSD1)							Prepared: 07/07/2016 Analyzed: 07/08/2016				
ETPH (Extractable Total Petroleum Hydrocarboi	66.5	10.0	mg/kg wet	75.0		88.7	60-120		19.5	30	
<i>Surrogate: 1-Chlorooctadecane</i>	9.56		"	10.0		95.6	50-150				
Matrix Spike (BG60215-MS1)		*Source sample: 16F1183-42 (B-27-1'-3')					Prepared: 07/07/2016 Analyzed: 07/08/2016				
ETPH (Extractable Total Petroleum Hydrocarboi	87.3	10.2	mg/kg dry	76.5	14.6	95.0	50-150				
<i>Surrogate: 1-Chlorooctadecane</i>	10.9		"	10.2		107	50-150				



Metals by ICP - 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 BG60051 - EPA 3050B											
Blank (BG60051-BLK1)										Prepared & Analyzed: 07/05/2016	
Arsenic	ND	1.00	mg/kg wet								
Barium	ND	1.00	"								
Cadmium	ND	0.300	"								
Chromium	ND	0.500	"								
Lead	ND	0.300	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Duplicate (BG60051-DUP1)										*Source sample: 16F1183-01 (B-1-2'-4')	
Prepared & Analyzed: 07/05/2016											
Arsenic	4.33	1.04	mg/kg dry	208	3.70				15.7	35	
Barium	34.4	1.04	"	208	31.8				7.77	35	
Cadmium	ND	0.312	"	5.19	ND					35	
Chromium	10.2	0.519	"	20.8	9.43				7.75	35	
Lead	12.7	0.312	"	51.9	11.4				10.4	35	
Selenium	1.30	1.04	"	208	1.11				15.8	35	
Silver	ND	0.519	"	5.19	ND					35	
Matrix Spike (BG60051-MS1)										*Source sample: 16F1183-01 (B-1-2'-4')	
Prepared & Analyzed: 07/05/2016											
Arsenic	226	1.04	mg/kg dry	208	3.70	107	75-125				
Barium	266	1.04	"	208	31.8	113	75-125				
Cadmium	5.63	0.312	"	5.19	ND	108	75-125				
Chromium	33.2	0.519	"	20.8	9.43	114	75-125				
Lead	68.3	0.312	"	51.9	11.4	110	75-125				
Selenium	226	1.04	"	208	1.11	108	75-125				
Silver	ND	0.519	"	5.19	ND		75-125	Low Bias			
Reference (BG60051-SRM1)										Prepared & Analyzed: 07/05/2016	
Arsenic	107	1.00	mg/kg wet	113		94.3	69.7-142.5				
Barium	147	1.00	"	155		95.0	72.9-127.1				
Cadmium	62.8	0.300	"	67.5		93.0	73.2-126.8				
Chromium	157	0.500	"	164		95.5	70.7-129.9				
Lead	84.7	0.300	"	90.1		94.0	70.1-129.9				
Selenium	149	1.00	"	156		95.8	67.3-132.1				
Silver	47.9	0.500	"	52.6		91.1	66.7-133.5				



Metals by ICP - 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 BG60053 - EPA 3050B											
Blank (BG60053-BLK1)											Prepared & Analyzed: 07/05/2016
Arsenic	ND	1.00	mg/kg wet								
Barium	ND	1.00	"								
Cadmium	ND	0.300	"								
Chromium	ND	0.500	"								
Lead	ND	0.300	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Duplicate (BG60053-DUP1)											Prepared & Analyzed: 07/05/2016
*Source sample: 16F1183-21 (B-14-2'-4')											
Arsenic	3.93	1.18	mg/kg dry	236	4.23				7.35	35	
Barium	91.7	1.18	"	236	86.7				5.55	35	
Cadmium	ND	0.354	"	5.89	ND					35	
Chromium	25.5	0.589	"	23.6	24.1				5.40	35	
Lead	4.30	0.354	"	58.9	4.32				0.487	35	
Selenium	3.71	1.18	"	236	3.44				7.47	35	
Silver	ND	0.589	"	5.89	ND					35	
Matrix Spike (BG60053-MS1)											Prepared & Analyzed: 07/05/2016
*Source sample: 16F1183-21 (B-14-2'-4')											
Arsenic	214	1.18	mg/kg dry	236	4.23	89.2	75-125				
Barium	297	1.18	"	236	86.7	89.1	75-125				
Cadmium	5.42	0.354	"	5.89	ND	92.0	75-125				
Chromium	43.9	0.589	"	23.6	24.1	84.0	75-125				
Lead	56.4	0.354	"	58.9	4.32	88.4	75-125				
Selenium	216	1.18	"	236	3.44	90.0	75-125				
Silver	ND	0.589	"	5.89	ND		75-125	Low Bias			
Reference (BG60053-SRM1)											Prepared & Analyzed: 07/05/2016
Arsenic	112	1.00	mg/kg wet	113		99.5	69.7-142.5				
Barium	160	1.00	"	155		103	72.9-127.1				
Cadmium	66.9	0.300	"	67.5		99.1	73.2-126.8				
Chromium	168	0.500	"	164		103	70.7-129.9				
Lead	87.9	0.300	"	90.1		97.5	70.1-129.9				
Selenium	157	1.00	"	156		101	67.3-132.1				
Silver	50.2	0.500	"	52.6		95.4	66.7-133.5				



Metals by ICP - 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 BG60054 - EPA 3050B

Blank (BG60054-BLK1)

Prepared: 07/05/2016 Analyzed: 07/06/2016

Arsenic	ND	1.00	mg/kg wet								
Barium	ND	1.00	"								
Cadmium	ND	0.300	"								
Chromium	ND	0.500	"								
Lead	ND	0.300	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								

Duplicate (BG60054-DUP1)

*Source sample: 16F1183-41 (B-26-6'-8')

Prepared: 07/05/2016 Analyzed: 07/06/2016

Arsenic	8.00	1.04	mg/kg dry	207	7.39	97.5	75-125		7.94	35	
Barium	106	1.04	"	207	98.8	105	75-125		6.63	35	
Cadmium	ND	0.311	"	5.18	ND	98.1	75-125			35	
Chromium	13.5	0.518	"	20.7	12.6	104	75-125		6.75	35	
Lead	6.39	0.311	"	51.8	6.01	98.9	75-125		6.13	35	
Selenium	2.97	1.04	"	207	2.32	99.1	75-125		24.5	35	
Silver	ND	0.518	"	5.18	ND		75-125			35	

Matrix Spike (BG60054-MS1)

*Source sample: 16F1183-41 (B-26-6'-8')

Prepared: 07/05/2016 Analyzed: 07/06/2016

Arsenic	209	1.04	mg/kg dry	207	7.39	97.5	75-125				
Barium	316	1.04	"	207	98.8	105	75-125				
Cadmium	5.08	0.311	"	5.18	ND	98.1	75-125				
Chromium	34.1	0.518	"	20.7	12.6	104	75-125				
Lead	57.3	0.311	"	51.8	6.01	98.9	75-125				
Selenium	208	1.04	"	207	2.32	99.1	75-125				
Silver	ND	0.518	"	5.18	ND		75-125	Low Bias			

Reference (BG60054-SRM1)

Prepared: 07/05/2016 Analyzed: 07/06/2016

Arsenic	97.0	1.00	mg/kg wet	113		85.8	69.7-142.5				
Barium	141	1.00	"	155		90.8	72.9-127.1				
Cadmium	59.1	0.300	"	67.5		87.5	73.2-126.8				
Chromium	148	0.500	"	164		90.5	70.7-129.9				
Lead	76.2	0.300	"	90.1		84.6	70.1-129.9				
Selenium	136	1.00	"	156		87.3	67.3-132.1				
Silver	44.2	0.500	"	52.6		84.0	66.7-133.5				



Metals by ICP - 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 BG60162 - EPA 3015A/1311

Blank (BG60162-BLK1)

Prepared & Analyzed: 07/06/2016

Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								

Blank (BG60162-BLK2)

Prepared & Analyzed: 07/06/2016

Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								

Reference (BG60162-SRM1)

Prepared & Analyzed: 07/06/2016

Arsenic	0.676		ug/mL	0.720		93.9	84.5-114.1				
Barium	0.379		"	0.400		94.8	85-115				
Cadmium	0.399		"	0.440		90.7	85-115				
Chromium	0.217		"	0.220		98.5	85-115				
Lead	0.794		"	0.840		94.5	85-115				
Selenium	0.663		"	0.720		92.1	85-115				
Silver	0.782		"	0.829		94.4	85-114.9				

Batch BG60218 - EPA 3015A/1311

Blank (BG60218-BLK1)

Prepared & Analyzed: 07/07/2016

Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								



Metals by ICP - 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 BG60218 - EPA 3015A/1311

Blank (BG60218-BLK2)

Prepared: 07/07/2016 Analyzed: 07/08/2016

Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								

Duplicate (BG60218-DUP1)

*Source sample: 16F1183-04 (B-3-2'-4')

Prepared: 07/07/2016 Analyzed: 07/08/2016

Arsenic	ND	0.004	mg/L		ND						20
Barium	0.552	0.011	"		0.537				2.72		20
Cadmium	ND	0.003	"		ND						20
Chromium	0.009	0.006	"		0.009				1.11		20
Lead	0.007	0.003	"		0.008				8.42		20
Selenium	0.013	0.011	"		0.013				1.91		20
Silver	ND	0.006	"		ND						20

Matrix Spike (BG60218-MS1)

*Source sample: 16F1183-04 (B-3-2'-4')

Prepared: 07/07/2016 Analyzed: 07/08/2016

Arsenic	2.37	0.004	mg/L	2.22	ND	107	75-125				
Barium	2.87	0.011	"	2.22	0.537	105	75-125				
Cadmium	0.059	0.003	"	0.0556	ND	106	75-125				
Chromium	0.238	0.006	"	0.222	0.009	103	75-125				
Lead	0.559	0.003	"	0.556	0.008	99.2	75-125				
Selenium	2.48	0.011	"	2.22	0.013	111	75-125				
Silver	0.056	0.006	"	0.0556	ND	101	75-125				

Reference (BG60218-SRM1)

Prepared: 07/07/2016 Analyzed: 07/08/2016

Arsenic	0.659		ug/mL	0.720		91.5	84.5-114.1				
Barium	0.370		"	0.400		92.6	85-115				
Cadmium	0.392		"	0.440		89.1	85-115				
Chromium	0.210		"	0.220		95.6	85-115				
Lead	0.762		"	0.840		90.7	85-115				
Selenium	0.647		"	0.720		89.9	85-115				
Silver	0.749		"	0.829		90.3	85-114.9				



Metals by ICP - 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 BG60233 - EPA 3015A/1311

Blank (BG60233-BLK1)

Prepared: 07/07/2016 Analyzed: 07/08/2016

Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								

Blank (BG60233-BLK2)

Prepared: 07/07/2016 Analyzed: 07/08/2016

Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Lead	ND	0.003	"								
Selenium	0.012	0.010	"								
Silver	ND	0.005	"								

Duplicate (BG60233-DUP1)

*Source sample: 16F1183-24 (B-16-2'-4')

Prepared: 07/07/2016 Analyzed: 07/08/2016

Arsenic	ND	0.004	mg/L		ND						20
Barium	0.500	0.011	"		0.486				2.91		20
Cadmium	ND	0.003	"		ND						20
Chromium	ND	0.006	"		ND						20
Lead	0.016	0.003	"		0.015				4.14		20
Selenium	0.015	0.011	"		ND						20
Silver	ND	0.006	"		ND						20

Matrix Spike (BG60233-MS1)

*Source sample: 16F1183-24 (B-16-2'-4')

Prepared: 07/07/2016 Analyzed: 07/08/2016

Arsenic	2.51	0.004	mg/L	2.22	ND	113	75-125				
Barium	3.00	0.011	"	2.22	0.486	113	75-125				
Cadmium	0.062	0.003	"	0.0556	ND	112	75-125				
Chromium	0.249	0.006	"	0.222	ND	112	75-125				
Lead	0.599	0.003	"	0.556	0.015	105	75-125				
Selenium	2.63	0.011	"	2.22	ND	118	75-125				
Silver	0.059	0.006	"	0.0556	ND	107	75-125				



Metals by ICP - 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 BG60233 - EPA 3015A/1311

Reference (BG60233-SRM1)

Prepared: 07/07/2016 Analyzed: 07/08/2016

Arsenic	0.657		ug/mL	0.720		91.2	84.5-114.1				
Barium	0.374		"	0.400		93.5	85-115				
Cadmium	0.393		"	0.440		89.2	85-115				
Chromium	0.213		"	0.220		96.7	85-115				
Lead	0.761		"	0.840		90.6	85-115				
Selenium	0.647		"	0.720		89.9	85-115				
Silver	0.762		"	0.829		91.9	85-114.9				



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 BG60074 - EPA 200.8

Blank (BG60074-BLK1)

Prepared: 07/05/2016 Analyzed: 07/06/2016

Arsenic	ND	1.00	ug/L								
Barium	ND	1.00	"								
Cadmium	ND	0.500	"								
Chromium	ND	1.00	"								
Copper	ND	1.00	"								
Lead	ND	1.00	"								
Selenium	ND	1.00	"								
Silver	ND	1.00	"								
Zinc	ND	1.00	"								

Duplicate (BG60074-DUP1)

*Source sample: 16F1183-44 (TMW-1)

Prepared: 07/05/2016 Analyzed: 07/06/2016

Arsenic	6.38	2.22	ug/L		5.91				7.59	20	
Barium	102	2.22	"		102				0.393	20	
Cadmium	0.378	1.11	"		0.378				0.00	20	
Chromium	20.7	2.22	"		20.4				1.84	20	
Copper	24.3	2.22	"		24.4				0.365	20	
Lead	47.9	2.22	"		47.4				0.886	20	
Selenium	5.36	2.22	"		5.24				2.10	20	
Silver	0.156	2.22	"		0.178				13.3	20	
Zinc	47.0	2.22	"		47.7				1.50	20	

Matrix Spike (BG60074-MS1)

*Source sample: 16F1183-44 (TMW-1)

Prepared: 07/05/2016 Analyzed: 07/06/2016

Arsenic	113	2.22	ug/L	111	5.91	96.8	75-125				
Barium	516	2.22	"	556	102	74.6	75-125	Low Bias			
Cadmium	56.0	1.11	"	55.6	0.378	100	75-125				
Chromium	241	2.22	"	222	20.4	99.2	75-125				
Copper	254	2.22	"	222	24.4	104	75-125				
Lead	171	2.22	"	111	47.4	111	75-125				
Selenium	56.8	2.22	"	55.6	5.24	92.7	75-125				
Silver	74.3	2.22	"	55.6	0.178	133	75-125	High Bias			
Zinc	595	2.22	"	556	47.7	98.5	75-125				



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 BG60074 - EPA 200.8

Reference (BG60074-SRM1)

Prepared: 07/05/2016 Analyzed: 07/06/2016

Arsenic	42.3	1.00	ug/L	41.6		102	69.9-130				
Barium	1500	1.00	"	1870		80.0	85-114.9	Low Bias			
Cadmium	43.5	0.500	"	43.0		101	80-120				
Chromium	157	1.00	"	159		98.8	84.9-115.1				
Copper	1540	1.00	"	1780		86.6	89.8-110.1	Low Bias			
Lead	69.3	1.00	"	59.0		118	70-130				
Selenium	31.4	1.00	"	29.6		106	80-119.9				
Silver	216	1.00	"	215		101	69.7-130				
Zinc	336	1.00	"	299		112	84.9-115				

Batch BG60075 - EPA 200.8

Blank (BG60075-BLK1)

Prepared: 07/05/2016 Analyzed: 07/06/2016

Arsenic - Dissolved	ND	1.00	ug/L								
Barium - Dissolved	ND	1.00	"								
Cadmium - Dissolved	ND	0.500	"								
Chromium - Dissolved	ND	1.00	"								
Copper - Dissolved	ND	1.00	"								
Lead - Dissolved	ND	1.00	"								
Selenium - Dissolved	ND	1.00	"								
Silver - Dissolved	ND	1.00	"								
Zinc - Dissolved	ND	1.00	"								

Duplicate (BG60075-DUP1)

*Source sample: 16F1183-44 (TMW-1)

Prepared: 07/05/2016 Analyzed: 07/06/2016

Arsenic - Dissolved	1.56	2.22	ug/L		1.80				14.6	20	
Barium - Dissolved	30.0	2.22	"		29.8				0.668	20	
Cadmium - Dissolved	ND	1.11	"		ND					20	
Chromium - Dissolved	5.22	2.22	"		4.40				17.1	20	
Copper - Dissolved	2.96	2.22	"		3.24				9.32	20	
Lead - Dissolved	ND	2.22	"		ND					20	
Selenium - Dissolved	4.64	2.22	"		4.36				6.42	20	
Silver - Dissolved	ND	2.22	"		ND					20	
Zinc - Dissolved	9.20	2.22	"		9.49				3.09	20	



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 BG60075 - EPA 200.8

Matrix Spike (BG60075-MS1)	*Source sample: 16F1183-44 (TMW-1)						Prepared: 07/05/2016 Analyzed: 07/06/2016					
Arsenic - Dissolved	108	2.22	ug/L	111	1.80	95.5	75-125					
Barium - Dissolved	607	2.22	"	556	29.8	104	75-125					
Cadmium - Dissolved	54.2	1.11	"	55.6	ND	97.6	75-125					
Chromium - Dissolved	233	2.22	"	222	4.40	103	75-125					
Copper - Dissolved	237	2.22	"	222	3.24	105	75-125					
Lead - Dissolved	125	2.22	"	111	ND	112	75-125					
Selenium - Dissolved	54.9	2.22	"	55.6	4.36	91.0	75-125					
Silver - Dissolved	71.0	2.22	"	55.6	ND	128	75-125	High Bias				
Zinc - Dissolved	547	2.22	"	556	9.49	96.8	75-125					

Reference (BG60075-SRM1)	Prepared: 07/05/2016 Analyzed: 07/06/2016										
Arsenic - Dissolved	43.1	1.00	ug/L	41.6	104	69.9-130					
Barium - Dissolved	1540	1.00	"	1870	82.5	85-114.9	Low Bias				
Cadmium - Dissolved	43.4	0.500	"	43.0	101	80-120					
Chromium - Dissolved	159	1.00	"	159	100	84.9-115.1					
Copper - Dissolved	1600	1.00	"	1780	89.9	89.8-110.1					
Lead - Dissolved	69.0	1.00	"	59.0	117	70-130					
Selenium - Dissolved	31.6	1.00	"	29.6	107	80-119.9					
Silver - Dissolved	221	1.00	"	215	103	69.7-130					
Zinc - Dissolved	338	1.00	"	299	113	84.9-115					



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 BG60003 - EPA 7473 soil											
Blank (BG60003-BLK1)										Prepared & Analyzed: 07/01/2016	
Mercury	ND	0.0300	mg/kg wet								
Reference (BG60003-SRM1)										Prepared & Analyzed: 07/01/2016	
Mercury	6.4460		mg/kg	5.76		112	71.2-129				
Batch BG60047 - EPA 7473 soil											
Blank (BG60047-BLK1)										Prepared & Analyzed: 07/05/2016	
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BG60047-DUP1)										Prepared & Analyzed: 07/05/2016	
*Source sample: 16F1183-15 (B-10-5'-7')											
Mercury	ND	0.0312	mg/kg dry		ND						35
Matrix Spike (BG60047-MS1)										Prepared & Analyzed: 07/05/2016	
*Source sample: 16F1183-15 (B-10-5'-7')											
Mercury	0.565		mg/kg	0.500	0.00390	112	75-125				
Reference (BG60047-SRM1)										Prepared & Analyzed: 07/05/2016	
Mercury	6.3834		mg/kg	5.76		111	71.2-129				
Batch BG60048 - EPA 7473 soil											
Blank (BG60048-BLK1)										Prepared & Analyzed: 07/05/2016	
Mercury	ND	0.0300	mg/kg wet								
Reference (BG60048-SRM1)										Prepared & Analyzed: 07/05/2016	
Mercury	6.4711		mg/kg	5.76		112	71.2-129				



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 BG60163 - EPA 7473 water											
Blank (BG60163-BLK1)										Prepared: 07/06/2016 Analyzed: 07/07/2016	
Mercury	ND	0.000200	mg/L								
Duplicate (BG60163-DUP1) *Source sample: 16F1183-01 (B-1-2'-4')										Prepared: 07/06/2016 Analyzed: 07/07/2016	
Mercury	ND	0.000200	mg/L		ND					20	
Matrix Spike (BG60163-MS1) *Source sample: 16F1183-01 (B-1-2'-4')										Prepared: 07/06/2016 Analyzed: 07/07/2016	
Mercury	0.00171		mg/L	0.00200	ND	85.6	75-125				
Reference (BG60163-SRM1)										Prepared: 07/06/2016 Analyzed: 07/07/2016	
Mercury	0.00226		mg/L	0.00230		98.3	61.3-135				
Batch BG60165 - EPA 245.1 Mercury											
Blank (BG60165-BLK1)										Prepared & Analyzed: 07/06/2016	
Mercury	ND	0.2000	ug/L								
Mercury - Dissolved	ND	0.2000	"								
LCS (BG60165-BS1)										Prepared & Analyzed: 07/06/2016	
Mercury	1.800	0.2000	ug/L	2.00		90.0	75-125				
Mercury - Dissolved	1.800	0.2000	"	2.00		90.0	75-125				
Duplicate (BG60165-DUP1) *Source sample: 16F1183-44 (TMW-1)										Prepared & Analyzed: 07/06/2016	
Mercury	0.1000	0.2000	ug/L		0.1000				0.00	20	
Mercury - Dissolved	0.1000	0.2000	"		ND					20	
Batch BG60235 - EPA 7473 water											
Blank (BG60235-BLK1)										Prepared: 07/07/2016 Analyzed: 07/08/2016	
Mercury	ND	0.000200	mg/L								



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 BG60235 - EPA 7473 water											
Duplicate (BG60235-DUP1)	*Source sample: 16F1183-19 (B-13-3'-5')						Prepared: 07/07/2016 Analyzed: 07/08/2016				
Mercury	ND	0.000200	mg/L		ND					20	
Matrix Spike (BG60235-MS1)	*Source sample: 16F1183-19 (B-13-3'-5')						Prepared: 07/07/2016 Analyzed: 07/08/2016				
Mercury	0.00182		mg/L	0.00200	ND	91.1	75-125				
Reference (BG60235-SRM1)							Prepared: 07/07/2016 Analyzed: 07/08/2016				
Mercury	0.00217		mg/L	0.00230		94.2	61.3-135				
Batch BG60265 - EPA 7473 water											
Blank (BG60265-BLK1)							Prepared & Analyzed: 07/08/2016				
Mercury	ND	0.000200	mg/L								
Duplicate (BG60265-DUP1)	*Source sample: 16F1183-39 (B-25-2'-4')						Prepared & Analyzed: 07/08/2016				
Mercury	ND	0.000200	mg/L		ND					20	
Matrix Spike (BG60265-MS1)	*Source sample: 16F1183-39 (B-25-2'-4')						Prepared & Analyzed: 07/08/2016				
Mercury	0.00169		mg/L	0.00200	ND	84.3	75-125				
Reference (BG60265-SRM1)							Prepared & Analyzed: 07/08/2016				
Mercury	0.00224		mg/L	0.00230		97.5	61.3-135				



Miscellaneous Physical Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG60092 - % Solids Prep											
Duplicate (BG60092-DUP1)	*Source sample: 16F1183-10 (B-6-2'-4')					Prepared & Analyzed: 07/05/2016					
% Solids	94.5	0.100	%		95.0				0.518	20	
Batch BG60093 - % Solids Prep											
Duplicate (BG60093-DUP1)	*Source sample: 16F1183-30 (B-19-4'-6')					Prepared & Analyzed: 07/05/2016					
% Solids	79.0	0.100	%		87.1				9.69	20	



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG60197 - Analysis Preparation											
Blank (BG60197-BLK1)											
Prepared: 07/07/2016 Analyzed: 07/08/2016											
Total Petroleum Hydrocarbons	ND	0.500	mg/L								
LCS (BG60197-BS1)											
Prepared: 07/07/2016 Analyzed: 07/08/2016											
Total Petroleum Hydrocarbons	3.80	0.500	mg/L	8.00		47.5	42-96				



DATA QUALITY ASSESSMENT WORKSHEET - VOLATILES

<i>Laboratory Name:</i>	York Analytical Laboratories, Inc.	<i>Client:</i>	BL Companies
<i>Project Location:</i>	14EC0037	<i>Lab Project No.:</i>	16F1183
<i>Laboratory Sample ID(s):</i>	16F1183-01 - 16F1183-47	<i>Sampling Date(s):</i>	06/27/2016 - 06/28/2016

Describe the intended use of the data:
 The intended use of this data is determined by the project conceptual site model.

Data Quality Assessment Elements	Data Quality Assessment Nonconformances
STANDARD RCP DELIVERABLES	NONE
Data Package Inspection	NONE
Reasonable Confidence Evaluation	NONE
Chain of Custody Evaluation	NONE
Sample Result Evaluation	NONE
Sample Preservation and Holding Time Evaluation	NONE
Continuing Calibration Verification Evaluation	
Method Blank Evaluation	NONE
Laboratory Control Samples Recovery Evaluation	<p>LCS Recovery for Dichlorodifluoromethane (39.1%) was outside acceptance limits (70-130) in BG60173-BS1 for Volatile Organics, CT RCP List</p> <p>LCS Recovery for Tetrachloroethylene (172%) was outside acceptance limits (70-130) in BG60173-BSD1 for Volatile Organics, CT RCP List</p> <p>LCS Recovery for 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) (65.0%) was outside acceptance limits (70-130) in BG60254-BS1 for Volatile Organics, CT RCP List</p> <p>LCS Recovery for 1,1-Dichloroethylene (66.7%) was outside acceptance limits (70-130) in BG60254-BS1 for Volatile Organics, CT RCP List</p> <p>LCS Recovery for 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) (62.9%) was outside acceptance limits (70-130) in BG60254-BSD1 for Volatile Organics, CT RCP List</p> <p>LCS Recovery for 1,1-Dichloroethylene (63.0%) was outside acceptance limits (70-130) in BG60254-BSD1 for Volatile Organics, CT RCP List</p>



DATA QUALITY ASSESSMENT WORKSHEET - VOLATILES

<i>Laboratory Name:</i>	York Analytical Laboratories, Inc.	<i>Client:</i>	BL Companies
<i>Project Location:</i>	14EC0037	<i>Lab Project No.:</i>	16F1183
<i>Laboratory Sample ID(s):</i>	16F1183-01 - 16F1183-47	<i>Sampling Date(s):</i>	06/27/2016 - 06/28/2016

Describe the intended use of the data:
 The intended use of this data is determined by the project conceptual site model.

Data Quality Assessment Elements	Data Quality Assessment Nonconformances
Laboratory Control Samples Precision Evaluation	LCS Duplicate RPD for Acetone (38.2%) was above the acceptance limit (30) in BG60173-BSD1 for Volatile Organics, CT RCP List - The RPD exceeded control limits for the LCS/LCSD QC. LCS Duplicate RPD for Dichlorodifluoromethane (79.1%) was above the acceptance limit (30) in BG60173-BSD1 for Volatile Organics, CT RCP List LCS Duplicate RPD for Tetrachloroethylene (49.1%) was above the acceptance limit (30) in BG60173-BSD1 for Volatile Organics, CT RCP List
Surrogate Recovery Evaluation	NONE
Site Specific Matrix Spike Recovery Evaluation	NOT APPLICABLE
Site Specific Matrix Spike Precision Evaluation	NOT APPLICABLE
Tentatively Identified Compounds	NONE



DATA QUALITY ASSESSMENT WORKSHEET - SEMI-VOLATILES

<i>Laboratory Name:</i>	York Analytical Laboratories, Inc.	<i>Client:</i>	BL Companies
<i>Project Location:</i>	14EC0037	<i>Lab Project No.:</i>	16F1183
<i>Laboratory Sample ID(s):</i>	16F1183-01 - 16F1183-47	<i>Sampling Date(s):</i>	06/27/2016 - 06/28/2016

Describe the intended use of the data:
 The intended use of this data is determined by the project conceptual site model.

Data Quality Assessment Elements	Data Quality Assessment Nonconformances
STANDARD RCP DELIVERABLES	NONE
Data Package Inspection	NONE
Reasonable Confidence Evaluation	NONE
Chain of Custody Evaluation	NONE
Sample Result Evaluation	NONE
Sample Preservation and Holding Time Evaluation	NONE
Continuing Calibration Verification Evaluation	
Method Blank Evaluation	NONE



DATA QUALITY ASSESSMENT WORKSHEET - SEMI-VOLATILES

<i>Laboratory Name:</i>	York Analytical Laboratories, Inc.	<i>Client:</i>	BL Companies
<i>Project Location:</i>	14EC0037	<i>Lab Project No.:</i>	16F1183
<i>Laboratory Sample ID(s):</i>	16F1183-01 - 16F1183-47	<i>Sampling Date(s):</i>	06/27/2016 - 06/28/2016

Describe the intended use of the data:
 The intended use of this data is determined by the project conceptual site model.

Data Quality Assessment Elements	Data Quality Assessment Nonconformances
Laboratory Control Samples Recovery Evaluation	<p>LCS Recovery for 2,4-Dinitrophenol (157%) was outside acceptance limits (30-130) in BG60098-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for 3,3'-Dichlorobenzidine (150%) was outside acceptance limits (40-140) in BG60098-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for Benzo(a)pyrene (171%) was outside acceptance limits (40-140) in BG60098-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for Benzo(b)fluoranthene (152%) was outside acceptance limits (40-140) in BG60098-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for Benzo(g,h,i)perylene (156%) was outside acceptance limits (40-140) in BG60098-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p>



DATA QUALITY ASSESSMENT WORKSHEET - SEMI-VOLATILES

Laboratory Name: York Analytical Laboratories, Inc.
Project Location: 14EC0037
Laboratory Sample ID(s): 16F1183-01 - 16F1183-47

Client: BL Companies
Lab Project No.: 16F1183
Sampling Date(s): 06/27/2016 - 06/28/2016

Describe the intended use of the data:
 The intended use of this data is determined by the project conceptual site model.

Data Quality Assessment Elements	Data Quality Assessment Nonconformances
	<p>LCS Recovery for Dibenzo(a,h)anthracene (150%) was outside acceptance limits (40-140) in BG60098-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for Indeno(1,2,3-cd)pyrene (142%) was outside acceptance limits (40-140) in BG60098-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for Pyrene (147%) was outside acceptance limits (40-140) in BG60098-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for 2,4-Dinitrophenol (146%) was outside acceptance limits (30-130) in BG60098-BSD1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for 3,3'-Dichlorobenzidine (146%) was outside acceptance limits (40-140) in BG60098-BSD1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for Benzo(a)pyrene (161%) was outside acceptance</p>



DATA QUALITY ASSESSMENT WORKSHEET - SEMI-VOLATILES

<i>Laboratory Name:</i>	York Analytical Laboratories, Inc.	<i>Client:</i>	BL Companies
<i>Project Location:</i>	14EC0037	<i>Lab Project No.:</i>	16F1183
<i>Laboratory Sample ID(s):</i>	16F1183-01 - 16F1183-47	<i>Sampling Date(s):</i>	06/27/2016 - 06/28/2016

Describe the intended use of the data:
 The intended use of this data is determined by the project conceptual site model.

Data Quality Assessment Elements	Data Quality Assessment Nonconformances
	<p>limits (40-140) in BG60098-BSD1 for Semi-Volatiles, CT RCP BNA List</p> <p>- 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.</p> <p>LCS Recovery for Benzo(b)fluoranthene (144%) was outside acceptance limits (40-140) in BG60098-BSD1 for Semi-Volatiles, CT RCP BNA List</p> <p>- 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.</p> <p>LCS Recovery for Benzo(g,h,i)perylene (145%) was outside acceptance limits (40-140) in BG60098-BSD1 for Semi-Volatiles, CT RCP BNA List</p> <p>- 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.</p> <p>LCS Recovery for 2,4-Dinitrophenol (183%) was outside acceptance limits (30-130) in BG60164-BS1 for Semi-Volatiles, CT RCP BNA List</p> <p>- 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.</p> <p>LCS Recovery for 2,4-Dinitrotoluene (141%) was outside acceptance limits (40-140) in BG60164-BS1 for Semi-Volatiles, CT RCP BNA List</p> <p>- 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.</p> <p>LCS Recovery for 3,3'-Dichlorobenzidine (181%) was outside</p>



DATA QUALITY ASSESSMENT WORKSHEET - SEMI-VOLATILES

<i>Laboratory Name:</i>	York Analytical Laboratories, Inc.	<i>Client:</i>	BL Companies
<i>Project Location:</i>	14EC0037	<i>Lab Project No.:</i>	16F1183
<i>Laboratory Sample ID(s):</i>	16F1183-01 - 16F1183-47	<i>Sampling Date(s):</i>	06/27/2016 - 06/28/2016

Describe the intended use of the data:
 The intended use of this data is determined by the project conceptual site model.

Data Quality Assessment Elements	Data Quality Assessment Nonconformances
	<p>acceptance limits (40-140) in BG60164-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for 4-Nitrophenol (145%) was outside acceptance limits (30-130) in BG60164-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for Benzo(a)pyrene (223%) was outside acceptance limits (40-140) in BG60164-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for Benzo(b)fluoranthene (173%) was outside acceptance limits (40-140) in BG60164-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for Benzo(g,h,i)perylene (166%) was outside acceptance limits (40-140) in BG60164-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for Benzo(k)fluoranthene (159%) was outside</p>



DATA QUALITY ASSESSMENT WORKSHEET - SEMI-VOLATILES

<i>Laboratory Name:</i>	York Analytical Laboratories, Inc.	<i>Client:</i>	BL Companies
<i>Project Location:</i>	14EC0037	<i>Lab Project No.:</i>	16F1183
<i>Laboratory Sample ID(s):</i>	16F1183-01 - 16F1183-47	<i>Sampling Date(s):</i>	06/27/2016 - 06/28/2016

Describe the intended use of the data:
 The intended use of this data is determined by the project conceptual site model.

Data Quality Assessment Elements	Data Quality Assessment Nonconformances
	<p>acceptance limits (40-140) in BG60164-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for Benzyl butyl phthalate (154%) was outside acceptance limits (40-140) in BG60164-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for Bis(2-chloroisopropyl)ether (155%) was outside acceptance limits (40-140) in BG60164-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for Chrysene (165%) was outside acceptance limits (40-140) in BG60164-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for Di-n-octyl phthalate (142%) was outside acceptance limits (40-140) in BG60164-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for Dibenzo(a,h)anthracene (157%) was outside acceptance limits (40-140) in BG60164-BS1 for Semi-Volatiles,</p>



DATA QUALITY ASSESSMENT WORKSHEET - SEMI-VOLATILES

<i>Laboratory Name:</i>	York Analytical Laboratories, Inc.	<i>Client:</i>	BL Companies
<i>Project Location:</i>	14EC0037	<i>Lab Project No.:</i>	16F1183
<i>Laboratory Sample ID(s):</i>	16F1183-01 - 16F1183-47	<i>Sampling Date(s):</i>	06/27/2016 - 06/28/2016

Describe the intended use of the data:
 The intended use of this data is determined by the project conceptual site model.

Data Quality Assessment Elements	Data Quality Assessment Nonconformances
	<p>CT RCP BNA List - 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.</p> <p>LCS Recovery for Indeno(1,2,3-cd)pyrene (146%) was outside acceptance limits (40-140) in BG60164-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for Pentachlorophenol (145%) was outside acceptance limits (30-130) in BG60164-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for Pyrene (168%) was outside acceptance limits (40-140) in BG60164-BS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for 2,4-Dinitrophenol (174%) was outside acceptance limits (30-130) in BG60164-BSD1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>LCS Recovery for 3,3'-Dichlorobenzidine (160%) was outside acceptance limits (40-140) in BG60164-BSD1 for Semi-Volatiles, CT RCP BNA List</p>



DATA QUALITY ASSESSMENT WORKSHEET - SEMI-VOLATILES

Laboratory Name: York Analytical Laboratories, Inc.
Project Location: 14EC0037
Laboratory Sample ID(s): 16F1183-01 - 16F1183-47

Client: BL Companies
Lab Project No.: 16F1183
Sampling Date(s): 06/27/2016 - 06/28/2016

Describe the intended use of the data:
 The intended use of this data is determined by the project conceptual site model.

Data Quality Assessment Elements	Data Quality Assessment Nonconformances
	<p>- 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.</p> <p>LCS Recovery for 4-Nitrophenol (140%) was outside acceptance limits (30-130) in BG60164-BSD1 for Semi-Volatiles, CT RCP BNA List</p> <p>- 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.</p> <p>LCS Recovery for Benzo(a)pyrene (200%) was outside acceptance limits (40-140) in BG60164-BSD1 for Semi-Volatiles, CT RCP BNA List</p> <p>- 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.</p> <p>LCS Recovery for Benzo(b)fluoranthene (173%) was outside acceptance limits (40-140) in BG60164-BSD1 for Semi-Volatiles, CT RCP BNA List</p> <p>- 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.</p> <p>LCS Recovery for Benzo(g,h,i)perylene (153%) was outside acceptance limits (40-140) in BG60164-BSD1 for Semi-Volatiles, CT RCP BNA List</p> <p>- 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.</p> <p>LCS Recovery for Benzo(k)fluoranthene (146%) was outside acceptance limits (40-140) in BG60164-BSD1 for Semi-Volatiles, CT RCP BNA List</p>



DATA QUALITY ASSESSMENT WORKSHEET - SEMI-VOLATILES

<i>Laboratory Name:</i>	York Analytical Laboratories, Inc.	<i>Client:</i>	BL Companies
<i>Project Location:</i>	14EC0037	<i>Lab Project No.:</i>	16F1183
<i>Laboratory Sample ID(s):</i>	16F1183-01 - 16F1183-47	<i>Sampling Date(s):</i>	06/27/2016 - 06/28/2016

Describe the intended use of the data:
 The intended use of this data is determined by the project conceptual site model.

Data Quality Assessment Elements	Data Quality Assessment Nonconformances
	<p>- 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.</p> <p>LCS Recovery for Bis(2-chloroisopropyl)ether (141%) was outside acceptance limits (40-140) in BG60164-BSD1 for Semi-Volatiles, CT RCP BNA List</p> <p>- 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.</p> <p>LCS Recovery for Chrysene (146%) was outside acceptance limits (40-140) in BG60164-BSD1 for Semi-Volatiles, CT RCP BNA List</p> <p>- 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.</p> <p>LCS Recovery for Dibenzo(a,h)anthracene (146%) was outside acceptance limits (40-140) in BG60164-BSD1 for Semi-Volatiles, CT RCP BNA List</p> <p>- 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.</p> <p>LCS Recovery for Pentachlorophenol (138%) was outside acceptance limits (30-130) in BG60164-BSD1 for Semi-Volatiles, CT RCP BNA List</p> <p>- 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.</p> <p>LCS Recovery for Pyrene (149%) was outside acceptance limits (40-140) in BG60164-BSD1 for Semi-Volatiles, CT RCP BNA List</p>



DATA QUALITY ASSESSMENT WORKSHEET - SEMI-VOLATILES

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<i>Laboratory Sample ID(s):</i>	16F1183-01 - 16F1183-47	<i>Sampling Date(s):</i>	06/27/2016 - 06/28/2016

Describe the intended use of the data:
 The intended use of this data is determined by the project conceptual site model.

Data Quality Assessment Elements	Data Quality Assessment Nonconformances
	<p>- 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.</p> <p>LCS Recovery for Pyridine (26.6%) was outside acceptance limits (40-140) in BG60240-BSD1 for Semi-Volatiles, CT RCP BNA List</p>
Laboratory Control Samples Precision Evaluation	LCS Duplicate RPD for Pyridine (84.4%) was above the acceptance limit (30) in BG60240-BSD1 for Semi-Volatiles, CT RCP BNA List
Surrogate Recovery Evaluation	<p>Surrogate Recovery for Terphenyl-d14 (29.2%) was outside acceptance limits (30-130) in 16F1183-03 for Semi-Volatiles, CT RCP BNA List</p> <p>- The recovery of this surrogate was outside of RCP limits.</p> <p>Surrogate Recovery for Terphenyl-d14 (26.2%) was outside acceptance limits (30-130) in 16F1183-04 for Semi-Volatiles, CT RCP BNA List</p> <p>- The recovery of this surrogate was outside of RCP limits.</p> <p>Surrogate Recovery for Terphenyl-d14 (26.6%) was outside acceptance limits (30-130) in 16F1183-09 for Semi-Volatiles, CT RCP BNA List</p> <p>- The recovery of this surrogate was outside of RCP limits.</p> <p>Surrogate Recovery for Terphenyl-d14 (26.2%) was outside acceptance limits (30-130) in 16F1183-10 for Semi-Volatiles, CT RCP BNA List</p> <p>- The recovery of this surrogate was outside of RCP limits.</p> <p>Surrogate Recovery for Terphenyl-d14 (26.6%) was outside acceptance limits (30-130) in 16F1183-15 for Semi-Volatiles, CT RCP BNA List</p> <p>- The recovery of this surrogate was outside of RCP limits.</p> <p>Surrogate Recovery for 2,4,6-Tribromophenol (131%) was outside acceptance limits (30-130) in BG60164-BLK1 for Semi-Volatiles, CT RCP BNA List</p> <p>- The recovery of this surrogate was outside of RCP limits.</p>



DATA QUALITY ASSESSMENT WORKSHEET - SEMI-VOLATILES

<i>Laboratory Name:</i>	York Analytical Laboratories, Inc.	<i>Client:</i>	BL Companies
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Describe the intended use of the data:
 The intended use of this data is determined by the project conceptual site model.

Data Quality Assessment Elements	Data Quality Assessment Nonconformances
<p>Site Specific Matrix Spike Recovery Evaluation</p>	<p>Matrix Spike Recovery for Benzo(g,h,i)perylene (20.6%) was outside acceptance limits (40-140) in BG60098-MS1 for Semi-Volatiles, CT RCP BNA List</p> <ul style="list-style-type: none"> - 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. <p>Matrix Spike Recovery for Carbazole (215%) was outside acceptance limits (40-140) in BG60098-MS1 for Semi-Volatiles, CT RCP BNA List</p> <ul style="list-style-type: none"> - 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. <p>Matrix Spike Recovery for Dibenzo(a,h)anthracene (28.8%) was outside acceptance limits (40-140) in BG60098-MS1 for Semi-Volatiles, CT RCP BNA List</p> <ul style="list-style-type: none"> - 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. <p>Matrix Spike Recovery for Hexachlorocyclopentadiene (24.6%) was outside acceptance limits (40-140) in BG60098-MS1 for Semi-Volatiles, CT RCP BNA List</p> <ul style="list-style-type: none"> - 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. <p>Matrix Spike Recovery for Indeno(1,2,3-cd)pyrene (28.5%) was outside acceptance limits (40-140) in BG60098-MS1 for Semi-Volatiles, CT RCP BNA List</p> <ul style="list-style-type: none"> - 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.



DATA QUALITY ASSESSMENT WORKSHEET - SEMI-VOLATILES

<i>Laboratory Name:</i>	York Analytical Laboratories, Inc.	<i>Client:</i>	BL Companies
<i>Project Location:</i>	14EC0037	<i>Lab Project No.:</i>	16F1183
<i>Laboratory Sample ID(s):</i>	16F1183-01 - 16F1183-47	<i>Sampling Date(s):</i>	06/27/2016 - 06/28/2016

Describe the intended use of the data:
 The intended use of this data is determined by the project conceptual site model.

Data Quality Assessment Elements	Data Quality Assessment Nonconformances
	<p>Matrix Spike Recovery for N-Nitrosodiphenylamine (171%) was outside acceptance limits (40-140) in BG60098-MS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>Matrix Spike Recovery for Benzo(a)pyrene (142%) was outside acceptance limits (40-140) in BG60164-MS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>Matrix Spike Recovery for Pentachlorophenol (133%) was outside acceptance limits (30-130) in BG60164-MS1 for Semi-Volatiles, CT RCP BNA List - 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.</p> <p>Matrix Spike Recovery for Pyridine (33.3%) was outside acceptance limits (40-140) in BG60240-MS1 for Semi-Volatiles, CT RCP BNA List</p>
Site Specific Matrix Spike Precision Evaluation	NOT APPLICABLE
Tentatively Identified Compounds	NONE



DATA QUALITY ASSESSMENT WORKSHEET - PESTICIDES

<i>Laboratory Name:</i>	York Analytical Laboratories, Inc.	<i>Client:</i>	BL Companies
<i>Project Location:</i>	14EC0037	<i>Lab Project No.:</i>	16F1183
<i>Laboratory Sample ID(s):</i>	16F1183-01 - 16F1183-47	<i>Sampling Date(s):</i>	06/27/2016 - 06/28/2016

Describe the intended use of the data:
 The intended use of this data is determined by the project conceptual site model.

Data Quality Assessment Elements	Data Quality Assessment Nonconformances
STANDARD RCP DELIVERABLES	NONE
Data Package Inspection	NONE
Reasonable Confidence Evaluation	NONE
Chain of Custody Evaluation	NONE
Sample Result Evaluation	NONE
Sample Preservation and Holding Time Evaluation	NONE
Method Blank Evaluation	NONE
Laboratory Control Samples Recovery Evaluation	NONE
Laboratory Control Samples Precision Evaluation	NONE
Surrogate Recovery Evaluation	<p>Surrogate Recovery for Tetrachloro-m-xylene (28.3%) was outside acceptance limits (30-140) in 16F1183-10 for Pesticides, CT RCP Target List - Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.</p> <p>Surrogate Recovery for Tetrachloro-m-xylene (28.3%) was outside acceptance limits (30-140) in 16F1183-11 for Pesticides, CT RCP Target List - Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.</p> <p>Surrogate Recovery for Decachlorobiphenyl (149%) was outside acceptance limits (30-140) in 16F1183-31 for Pesticides, CT RCP Target List - Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.</p> <p>Surrogate Recovery for Tetrachloro-m-xylene (13.6%) was outside acceptance limits (30-140) in 16F1183-41 for Pesticides, CT RCP Target List - Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.</p>
Site Specific Matrix Spike Recovery Evaluation	NONE
Site Specific Matrix Spike Precision Evaluation	NOT APPLICABLE
Tentatively Identified Compounds	NONE





DATA QUALITY ASSESSMENT WORKSHEET - PCBs

<i>Laboratory Name:</i>	York Analytical Laboratories, Inc.	<i>Client:</i>	BL Companies
<i>Project Location:</i>	14EC0037	<i>Lab Project No.:</i>	16F1183
<i>Laboratory Sample ID(s):</i>	16F1183-01 - 16F1183-47	<i>Sampling Date(s):</i>	06/27/2016 - 06/28/2016

Describe the intended use of the data:
 The intended use of this data is determined by the project conceptual site model.

Data Quality Assessment Elements	Data Quality Assessment Nonconformances
STANDARD RCP DELIVERABLES	NONE
Data Package Inspection	NONE
Reasonable Confidence Evaluation	NONE
Chain Of Custody Evaluation	NONE
Sample Result Evaluation	NONE
Sample Preservation and Holding Time Evaluation	NONE
Method Blank Evaluation	NONE
Laboratory Control Samples Recovery Evaluation	NONE
Laboratory Control Samples Precision Evaluation	NONE
Surrogate Recovery Evaluation	Surrogate Recovery for Tetrachloro-m-xylene (20.0%) was outside acceptance limits (30-140) in 16F1183-41 for Polychlorinated Biphenyls(PCB RCP) - Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
Site Specific Matrix Spike Recovery Evaluation	NOT APPLICABLE
Site Specific Matrix Spike Precision Evaluation	NOT APPLICABLE
Tentatively Identified Compounds	NONE



DATA QUALITY ASSESSMENT WORKSHEET - ETPH

<i>Laboratory Name:</i>	York Analytical Laboratories, Inc.	<i>Client:</i>	BL Companies
<i>Project Location:</i>	14EC0037	<i>Lab Project No.:</i>	16F1183
<i>Laboratory Sample ID(s):</i>	16F1183-01 - 16F1183-47	<i>Sampling Date(s):</i>	06/27/2016 - 06/28/2016

Describe the intended use of the data:
 The intended use of this data is determined by the project conceptual site model.

Data Quality Assessment Elements	Data Quality Assessment Nonconformances
STANDARD RCP DELIVERABLES	NONE
Data Package Inspection	NONE
Reasonable Confidence Evaluation	NONE
Chain of Custody Evaluation	NONE
Sample Result Evaluation	NONE
Sample Preservation and Holding Time Evaluation	NONE
Method Blank Evaluation	NONE
Laboratory Control Samples Recovery Evaluation	NONE
Laboratory Control Samples Precision Evaluation	NONE
Surrogate Recovery Evaluation	NONE
Site Specific Matrix Spike Recovery Evaluation	NONE
Site Specific Matrix Spike Precision Evaluation	NOT APPLICABLE
Tentatively Identified Compounds	NONE



DATA QUALITY ASSESSMENT WORKSHEET - METALS

<i>Laboratory Name:</i>	York Analytical Laboratories, Inc.	<i>Client:</i>	BL Companies
<i>Project Location:</i>	14EC0037	<i>Lab Project No.:</i>	16F1183
<i>Laboratory Sample ID(s):</i>	16F1183-01 - 16F1183-47	<i>Sampling Date(s):</i>	06/27/2016 - 06/28/2016

Describe the intended use of the data:
 The intended use of this data is determined by the project conceptual site model.

Data Quality Assessment Elements	Data Quality Assessment Nonconformances
STANDARD RCP DELIVERABLES	NONE
Data Package Inspection	NONE
Reasonable Confidence Evaluation	NONE
Chain of Custody Evaluation	NONE
Sample Result Evaluation	NONE
Sample Preservation and Holding Time Evaluation	NONE
Method Blank Evaluation	QC Sample BG60233-BLK2 failed criteria for Selenium in Metals, TCLP RCRA. MDL = 0.010 mg/L MRL = 0.010 mg/L Result = 0.012 mg/L Criterion = 1 x MRL - It is noted that a known interference with selenium at the analytical line for analysis by ICP is caused by carbon emission from the TCLP or high organics matrix. The data user may subtract the matrix blank value from the data if needed.
Laboratory Control Samples Recovery Evaluation	NOT APPLICABLE
Laboratory Control Samples Precision Evaluation	NOT APPLICABLE
Standard Reference Material Recovery Evaluation	NONE
Site Specific Matrix Spike Recovery Evaluation	NONE
Site Specific Matrix Spike Precision Evaluation	NOT APPLICABLE
Duplicate Precision Evaluation	NONE



DATA QUALITY ASSESSMENT WORKSHEET - MERCURY

<i>Laboratory Name:</i>	York Analytical Laboratories, Inc.	<i>Client:</i>	BL Companies
<i>Project Location:</i>	14EC0037	<i>Lab Project No.:</i>	16F1183
<i>Laboratory Sample ID(s):</i>	16F1183-01 - 16F1183-47	<i>Sampling Date(s):</i>	06/27/2016 - 06/28/2016

Describe the intended use of the data:
 The intended use of this data is determined by the project conceptual site model.

Data Quality Assessment Elements	Data Quality Assessment Nonconformances
STANDARD RCP DELIVERABLES	NONE
Data Package Inspection	NONE
Reasonable Confidence Evaluation	NONE
Chain of Custody Evaluation	NONE
Sample Result Evaluation	NONE
Sample Preservation and Holding Time Evaluation	NONE
Method Blank Evaluation	NONE
Laboratory Control Samples Recovery Evaluation	NOT APPLICABLE
Laboratory Control Samples Precision Evaluation	NOT APPLICABLE
Standard Reference Material Recovery Evaluation	NONE
Site Specific Matrix Spike Recovery Evaluation	NONE
Site Specific Matrix Spike Precision Evaluation	NOT APPLICABLE
Duplicate Precision Evaluation	NONE



DATA QUALITY ASSESSMENT SUMMARY

Laboratory:	York Analytical Laboratories, Inc.	Client:	BL Companies
Project:	14EC0037	Lab Project No:	16F1183
Laboratory Sample ID(s):	16F1183-01 - 16F1183-47	Sampling Date(s):	06/27/2016 - 06/28/2016
Review Date(s):	12/30/1899 - 07/13/2016	Laboratory Reviewer(s):	MS

QC Sample Nonconformances

Batch ID: BG60131

QC Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
BG60131-BSD1	Acrylonitrile	11 ug/L	LCS Dup	114	49-160		40.1	30	Non-dir.	The RPD exceeded control limits for the LCS/LCSD QC.

Batch ID: BG60173

QC Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
BG60173-BS1	Dichlorodifluoromethane	19.5 ug/L	LCS	39.1	70-130	Low Bias				
BG60173-BSD1	Acetone	59.8 ug/L	LCS Dup	120	70-130		38.2	30	Non-dir.	The RPD exceeded control limits for the LCS/LCSD QC.
BG60173-BSD1	Dichlorodifluoromethane	45.1 ug/L	LCS Dup	90.2	70-130		79.1	30	Non-dir.	
BG60173-BSD1	Tetrachloroethylene	86.0 ug/L	LCS Dup	172	70-130	High Bias	49.1	30	Non-dir.	

Batch ID: BG60254

QC Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
BG60254-BS1	1,1,2-Trichloro-1,2,2-trifluoro ethane (Freon 113)	32.5 ug/L	LCS	65.0	70-130	Low Bias				
BG60254-BS1	1,1-Dichloroethylene	33.4 ug/L	LCS	66.7	70-130	Low Bias				
BG60254-BSD1	1,1,2-Trichloro-1,2,2-trifluoro ethane (Freon 113)	31.4 ug/L	LCS Dup	62.9	70-130	Low Bias	3.29	30		
BG60254-BSD1	1,1-Dichloroethylene	31.5 ug/L	LCS Dup	63.0	70-130	Low Bias	5.67	30		



Batch ID: BG60098

QC Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
BG60098-BS1	2,4-Dinitrophenol	3.93 mg/kg we	LCS	157	30-130	High Bias				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.
BG60098-BS1	3,3'-Dichlorobenzidine	3.74 mg/kg we	LCS	150	40-140	High Bias				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.
BG60098-BS1	Benzo(a)pyrene	4.28 mg/kg we	LCS	171	40-140	High Bias				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.
BG60098-BS1	Benzo(b)fluoranthene	3.81 mg/kg we	LCS	152	40-140	High Bias				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.
BG60098-BS1	Benzo(g,h,i)perylene	3.91 mg/kg we	LCS	156	40-140	High Bias				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.
BG60098-BS1	Dibenzo(a,h)anthracene	3.74 mg/kg we	LCS	150	40-140	High Bias				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.



Batch ID: BG60098

QC Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
BG60098-BS1	Indeno(1,2,3-cd)pyrene	3.55 mg/kg we	LCS	142	40-140	High Bias				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.
BG60098-BS1	Pyrene	3.67 mg/kg we	LCS	147	40-140	High Bias				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.
BG60098-BSD1	2,4-Dinitrophenol	3.66 mg/kg we	LCS Dup	146	30-130	High Bias	7.14	30		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.
BG60098-BSD1	3,3'-Dichlorobenzidine	3.66 mg/kg we	LCS Dup	146	40-140	High Bias	2.35	30		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.
BG60098-BSD1	Benzo(a)pyrene	4.03 mg/kg we	LCS Dup	161	40-140	High Bias	5.92	30		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.
BG60098-BSD1	Benzo(b)fluoranthene	3.60 mg/kg we	LCS Dup	144	40-140	High Bias	5.62	30		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.



Batch ID: BG60098

QC Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
BG60098-BSD1	Benzo(g,h,i)perylene	3.63 mg/kg we	LCS Dup	145	40-140	High Bias	7.41	30		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.
BG60098-BSD1	Dibenzo(a,h)anthracene	3.50 mg/kg we	LCS Dup	140	40-140	High Bias	6.59	30		
BG60098-MS1	Benzo(g,h,i)perylene	0.545 mg/kg d	Matrix Spike (B-8-2'-4')	20.6	40-140	Low Bias				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.
BG60098-MS1	Carbazole	5.67 mg/kg dry	Matrix Spike (B-8-2'-4')	215	40-140	High Bias				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.
BG60098-MS1	Dibenzo(a,h)anthracene	0.761 mg/kg d	Matrix Spike (B-8-2'-4')	28.8	40-140	Low Bias				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.
BG60098-MS1	Hexachlorocyclopentadiene	0.649 mg/kg d	Matrix Spike (B-8-2'-4')	24.6	40-140	Low Bias				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.



Batch ID: BG60098

QC Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
BG60098-MS1	Indeno(1,2,3-cd)pyrene	0.752 mg/kg d	Matrix Spike (B-8-2'-4')	28.5	40-140	Low Bias				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.
BG60098-MS1	N-Nitrosodiphenylamine	4.50 mg/kg dry	Matrix Spike (B-8-2'-4')	171	40-140	High Bias				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.



Batch ID: BG60164

QC Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
BG60164-BLK1	Surrogate: 2,4,6-Tribromophenol	4.94 mg/kg we	Surrogate	131	30-130	High Bias				The recovery of this surrogate was outside of RCP limits.
BG60164-BS1	2,4-Dinitrophenol	4.59 mg/kg we	LCS	183	30-130	High Bias				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.
BG60164-BS1	2,4-Dinitrotoluene	3.53 mg/kg we	LCS	141	40-140	High Bias				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.
BG60164-BS1	3,3'-Dichlorobenzidine	4.52 mg/kg we	LCS	181	40-140	High Bias				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.
BG60164-BS1	4-Nitrophenol	3.63 mg/kg we	LCS	145	30-130	High Bias				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.
BG60164-BS1	Benzo(a)pyrene	5.58 mg/kg we	LCS	223	40-140	High Bias				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.



Batch ID: BG60164

QC Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
BG60164-BS1	Benzo(b)fluoranthene	4.32 mg/kg we	LCS	173	40-140	High Bias				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.
BG60164-BS1	Benzo(g,h,i)perylene	4.15 mg/kg we	LCS	166	40-140	High Bias				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.
BG60164-BS1	Benzo(k)fluoranthene	3.98 mg/kg we	LCS	159	40-140	High Bias				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.
BG60164-BS1	Benzyl butyl phthalate	3.85 mg/kg we	LCS	154	40-140	High Bias				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.
BG60164-BS1	Bis(2-chloroisopropyl)ether	3.87 mg/kg we	LCS	155	40-140	High Bias				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.
BG60164-BS1	Chrysene	4.11 mg/kg we	LCS	165	40-140	High Bias				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.



Batch ID: BG60164

QC Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
BG60164-BS1	Dibenzo(a,h)anthracene	3.92 mg/kg we	LCS	157	40-140	High Bias				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.
BG60164-BS1	Di-n-octyl phthalate	3.56 mg/kg we	LCS	142	40-140	High Bias				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.
BG60164-BS1	Indeno(1,2,3-cd)pyrene	3.64 mg/kg we	LCS	146	40-140	High Bias				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.
BG60164-BS1	Pentachlorophenol	3.63 mg/kg we	LCS	145	30-130	High Bias				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.
BG60164-BS1	Pyrene	4.21 mg/kg we	LCS	168	40-140	High Bias				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.
BG60164-BSD1	2,4-Dinitrophenol	4.35 mg/kg we	LCS Dup	174	30-130	High Bias	5.19	30		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.



Batch ID: BG60164

QC Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
BG60164-BSD1	3,3'-Dichlorobenzidine	4.00 mg/kg we	LCS Dup	160	40-140	High Bias	12.3	30		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.
BG60164-BSD1	4-Nitrophenol	3.50 mg/kg we	LCS Dup	140	30-130	High Bias	3.62	30		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.
BG60164-BSD1	Benzo(a)pyrene	5.00 mg/kg we	LCS Dup	200	40-140	High Bias	11.0	30		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.
BG60164-BSD1	Benzo(b)fluoranthene	4.34 mg/kg we	LCS Dup	173	40-140	High Bias	0.347	30		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.
BG60164-BSD1	Benzo(g,h,i)perylene	3.82 mg/kg we	LCS Dup	153	40-140	High Bias	8.27	30		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.
BG60164-BSD1	Benzo(k)fluoranthene	3.65 mg/kg we	LCS Dup	146	40-140	High Bias	8.74	30		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.



Batch ID: BG60164

QC Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
BG60164-BSD1	Bis(2-chloroisopropyl)ether	3.54 mg/kg we	LCS Dup	141	40-140	High Bias	9.11	30		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.
BG60164-BSD1	Chrysene	3.64 mg/kg we	LCS Dup	146	40-140	High Bias	12.1	30		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.
BG60164-BSD1	Dibenzo(a,h)anthracene	3.66 mg/kg we	LCS Dup	146	40-140	High Bias	6.76	30		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.
BG60164-BSD1	Pentachlorophenol	3.46 mg/kg we	LCS Dup	138	30-130	High Bias	4.92	30		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.
BG60164-BSD1	Pyrene	3.72 mg/kg we	LCS Dup	149	40-140	High Bias	12.2	30		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.
BG60164-MS1	Benzo(a)pyrene	4.11 mg/kg dry	Matrix Spike (B-16-5'-7')	142	40-140	High Bias				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.



Batch ID: BG60164

QC Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
BG60164-MS1	Benzo(b)fluoranthene	4.05 mg/kg dry	Matrix Spike (B-16-5'-7')	140	40-140	High Bias				
BG60164-MS1	Pentachlorophenol	3.85 mg/kg dry	Matrix Spike (B-16-5'-7')	133	30-130	High Bias				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.

Batch ID: BG60240

QC Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
BG60240-BSD1	Pyridine	0.664 mg/kg w	LCS Dup	26.6	40-140	Low Bias	84.4	30	Non-dir.	

Batch ID: BG60050

QC Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
BG60050-BLK2	Surrogate: Tetrachloro-m-xylene	0.0550 ug/L	Surrogate	27.5	30-120	Low Bias				Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.

Batch ID: Y6G0603

QC Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
Y6G0603-SRD6	Arsenic	7.25 mg/kg dry	Serial Dilution (B-14-2'-4')		-		71.4	10	Non-dir.	Original sample conc <50 X reporting limit.
Y6G0603-SRD6	Lead	5.49 mg/kg dry	Serial Dilution (B-14-2'-4')		-		27.3	10	Non-dir.	Original sample conc <50 X reporting limit.

Batch ID: Y6G0604

QC Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
Y6G0604-SRD7	Arsenic	10.2 mg/kg dry	Serial Dilution (B-26-6'-8')		-		38.0	10	Non-dir.	Original sample conc <50 X reporting limit.
Y6G0604-SRD7	Lead	7.29 mg/kg dry	Serial Dilution (B-26-6'-8')		-		21.4	10	Non-dir.	Original sample conc <50 X reporting limit.
Y6G0604-SRD7	Selenium	5.50 mg/kg dry	Serial Dilution (B-26-6'-8')		-		137	10	Non-dir.	Original sample conc <50 X reporting limit.



Batch ID: Y6G0803

QC Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
Y6G0803-SRD5	Lead	0.017 mg/L	Serial Dilution (B-16-2'-4')		-		11.5	10	Non-dir.	Original sample conc <50 X reporting limit.

Batch ID: BG60074

QC Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
BG60074-MS1	Barium	516 ug/L	Matrix Spike (TMW-1)	74.6	75-125	Low Bias				Sample conc. >10 X spike conc.
BG60074-MS1	Silver	74.3 ug/L	Matrix Spike (TMW-1)	133	75-125	High Bias				The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The SRM was within acceptance limits, therefore data are acceptable.
BG60074-SRM1	Barium	1500 ug/L	Reference	80.0	85-114.9	Low Bias				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.
BG60074-SRM1	Copper	1540 ug/L	Reference	86.6	89.8-110.1	Low Bias				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.



Batch ID: BG60075

QC Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
BG60075-MS1	Silver	71.0 ug/L	Matrix Spike (TMW-1)	128	75-125	High Bias				The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The SRM was within acceptance limits, therefore data are acceptable.
BG60075-SRM1	Barium	1540 ug/L	Reference	82.5	85-114.9	Low Bias				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.



Batch ID: BG60050

General Method: Organochlorine Pesticides by GC/ECD

YORK Sample ID Client Sample ID

16F1183-44	TMW-1
16F1183-44	TMW-1
16F1183-45	Dup-1
16F1183-45	Dup-1
16F1183-46	TMW-2
16F1183-46	TMW-2
BG60050-BLK1	Blank
BG60050-BLK2	Blank
BG60050-BS1	LCS
BG60050-BS2	LCS
BG60050-BSD2	LCS Dup

Batch ID: BG60074

General Method: Metals by ICP/MS

YORK Sample ID Client Sample ID

16F1183-44	TMW-1
16F1183-45	Dup-1
16F1183-46	TMW-2
BG60074-BLK1	Blank
BG60074-DUP1	Duplicate
BG60074-MS1	Matrix Spike
BG60074-SRM1	Reference

Batch ID: BG60075

General Method: Metals by ICP/MS

YORK Sample ID Client Sample ID

16F1183-44	TMW-1
16F1183-45	Dup-1
16F1183-46	TMW-2
BG60075-BLK1	Blank
BG60075-DUP1	Duplicate
BG60075-MS1	Matrix Spike
BG60075-SRM1	Reference

Batch ID: BG60098

General Method: Semivolatile Organic Compounds by GC/MS

YORK Sample ID Client Sample ID

16F1183-03	B-2-5'-7'
16F1183-04	B-3-2'-4'
16F1183-08	B-5-2'-4'
16F1183-09	B-5-6'-8'
16F1183-10	B-6-2'-4'
16F1183-11	B-6-DUP
16F1183-12	B-8-2'-4'
16F1183-13	B-9-1'-3'
16F1183-14	B-10-2'-4'
16F1183-15	B-10-5'-7'
16F1183-16	B-11-2'-4'
16F1183-17	B-12-2'-4'
16F1183-18	B-12-5'-7'
16F1183-19	B-13-3'-5'
16F1183-20	B-13-7'-9'



Batch ID: BG60098

General Method: Semivolatile Organic Compounds by GC/MS

YORK Sample ID Client Sample ID

BG60098-BLK1	Blank
BG60098-BS1	LCS
BG60098-BSD1	LCS Dup
BG60098-MS1	Matrix Spike

Batch ID: BG60131

General Method: Volatile Organic Compounds by GC/MS

YORK Sample ID Client Sample ID

16F1183-44	TMW-1
16F1183-45	Dup-1
16F1183-46	TMW-2
16F1183-47	Trip Blank
BG60131-BLK1	Blank
BG60131-BS1	LCS
BG60131-BSD1	LCS Dup

Batch ID: BG60164

General Method: Semivolatile Organic Compounds by GC/MS

YORK Sample ID Client Sample ID

16F1183-21	B-14-2'-4'
16F1183-22	B-14-5'-7'
16F1183-23	B-15-2'-4'
16F1183-24	B-16-2'-4'
16F1183-25	B-16-5'-7'
16F1183-26	B-17-2'-4'
16F1183-27	B-17-8'-10'
16F1183-28	B-18-2'-4'
16F1183-29	B-19-2'-4'
16F1183-30	B-19-4'-6'
16F1183-31	B-19-7'-9'
16F1183-32	B-20-2'-4'
16F1183-33	B-21-2'-4'
16F1183-34	B-21-6'-8'
16F1183-35	B-22-2'-4'
16F1183-36	B-22-6'-8'
16F1183-37	B-23-2'-4'
16F1183-38	B-24-2'-4'
16F1183-39	B-25-2'-4'
16F1183-40	B-26-1'-3'
BG60164-BLK1	Blank
BG60164-BS1	LCS
BG60164-BSD1	LCS Dup
BG60164-MS1	Matrix Spike

Batch ID: BG60173

General Method: Volatile Organic Compounds by GC/MS

YORK Sample ID Client Sample ID

16F1183-28	B-18-2'-4'
16F1183-29	B-19-2'-4'
16F1183-30	B-19-4'-6'
16F1183-31	B-19-7'-9'
16F1183-32	B-20-2'-4'



Batch ID: BG60173

General Method: Volatile Organic Compounds by GC/MS

YORK Sample ID Client Sample ID

16F1183-33	B-21-2'-4'
16F1183-34	B-21-6'-8'
16F1183-35	B-22-2'-4'
16F1183-36	B-22-6'-8'
16F1183-37	B-23-2'-4'
16F1183-38	B-24-2'-4'
16F1183-39	B-25-2'-4'
16F1183-40	B-26-1'-3'
16F1183-41	B-26-6'-8'
16F1183-42	B-27-1'-3'
16F1183-43	B-28-1'-3'
BG60173-BLK1	Blank
BG60173-BS1	LCS
BG60173-BSD1	LCS Dup

Batch ID: BG60240

General Method: Semivolatile Organic Compounds by GC/MS

YORK Sample ID Client Sample ID

16F1183-01	B-1-2'-4'
16F1183-02	B-2-2'-4'
16F1183-05	B-3-6'-8'
16F1183-06	B-4-2'-4'
16F1183-07	B-4-7'-9'
16F1183-41	B-26-6'-8'
16F1183-42	B-27-1'-3'
16F1183-43	B-28-1'-3'
BG60240-BLK1	Blank
BG60240-BS1	LCS
BG60240-BSD1	LCS Dup

Batch ID: BG60254

General Method: Volatile Organic Compounds by GC/MS

YORK Sample ID Client Sample ID

16F1183-13	B-9-1'-3'
16F1183-14	B-10-2'-4'
16F1183-15	B-10-5'-7'
16F1183-16	B-11-2'-4'
16F1183-17	B-12-2'-4'
16F1183-18	B-12-5'-7'
16F1183-19	B-13-3'-5'
16F1183-20	B-13-7'-9'
16F1183-21	B-14-2'-4'
16F1183-22	B-14-5'-7'
16F1183-23	B-15-2'-4'
16F1183-24	B-16-2'-4'
16F1183-25	B-16-5'-7'
16F1183-26	B-17-2'-4'
16F1183-27	B-17-8'-10'
BG60254-BLK1	Blank
BG60254-BS1	LCS
BG60254-BSD1	LCS Dup



Laboratory: York Analytical Laboratories, Inc.
 Project: 14EC0037
 Laboratory Sample ID(s): 16F1183-01 - 16F1183-47
 Review Date(s): 12/30/1899 - 07/13/2016

Client: BL Companies
 Lab Project No: 16F1183
 Sampling Date(s): 06/27/2016 - 06/28/2016
 Laboratory Reviewer(s): MS

Sample Nonconformances

Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
16F1183-44 (TMW-1)	Surrogate: Phenol-d5	6.10 ug/L	Surrogate	7.91	10-39	Low Bias				The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect confirmed by re-extraction and re-analysis of the sample.
16F1183-46 (TMW-2)	Surrogate: Phenol-d5	6.95 ug/L	Surrogate	9.02	10-39	Low Bias				The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect confirmed by re-extraction and re-analysis of the sample.

Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
16F1183-03 (B-2-5'-7')	Surrogate: Terphenyl-d14	0.802 mg/kg di	Surrogate	29.2	30-130	Low Bias				The recovery of this surrogate was outside of RCP limits.
16F1183-04 (B-3-2'-4')	Surrogate: Terphenyl-d14	0.674 mg/kg di	Surrogate	26.2	30-130	Low Bias				The recovery of this surrogate was outside of RCP limits.
16F1183-09 (B-5-6'-8')	Surrogate: Terphenyl-d14	0.680 mg/kg di	Surrogate	26.6	30-130	Low Bias				The recovery of this surrogate was outside of RCP limits.
16F1183-10 (B-6-2'-4')	Surrogate: Terphenyl-d14	0.692 mg/kg di	Surrogate	26.2	30-130	Low Bias				The recovery of this surrogate was outside of RCP limits.
16F1183-15 (B-10-5'-7')	Surrogate: Terphenyl-d14	0.693 mg/kg di	Surrogate	26.6	30-130	Low Bias				The recovery of this surrogate was outside of RCP limits.

Sample Nonconformances

Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
16F1183-44 (TMW-1)	Surrogate: Tetrachloro-m-xylene	0.0533 ug/L	Surrogate	25.3	30-120	Low Bias				Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
16F1183-45 (Dup-1)	Surrogate: Tetrachloro-m-xylene	0.0470 ug/L	Surrogate	22.3	30-120	Low Bias				Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.



Sample Nonconformances

Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
16F1183-46 (TMW-2)	Surrogate: Tetrachloro-m-xylene	0.0529 ug/L	Surrogate	25.1	30-120	Low Bias				Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.

Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
16F1183-10 (B-6-2'-4')	Surrogate: Tetrachloro-m-xylene	0.0298 mg/kg	Surrogate	28.3	30-140	Low Bias				Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
16F1183-11 (B-6-DUP)	Surrogate: Tetrachloro-m-xylene	0.0304 mg/kg	Surrogate	28.3	30-140	Low Bias				Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.

Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
16F1183-41 (B-26-6'-8')	Surrogate: Tetrachloro-m-xylene	0.0141 mg/kg	Surrogate	13.6	30-140	Low Bias				Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.

Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
16F1183-31 (B-19-7'-9')	Surrogate: Decachlorobiphenyl	0.174 mg/kg	Surrogate	149	30-140	High Bias				Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.

Sample Nonconformances

Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
16F1183-46 (TMW-2)	Surrogate: Tetrachloro-m-xylene	0.0547 ug/L	Surrogate	26.0	30-120	Low Bias				Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.

Sample ID	Analyte	Result	Type of QC Nonconformance	%REC	%REC Limits	Bias	RPD	RPD Limit	Bias	Comments
16F1183-41 (B-26-6'-8')	Surrogate: Tetrachloro-m-xylene	0.0207 mg/kg	Surrogate	20.0	30-140	Low Bias				Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.



Notes: Other RCP nonconformances, if any, are detailed in the Data Quality Assessment worksheets.

For multiple surrogate analyses such as semi-volatiles, volatiles, etc, single surrogate excursions do not necessarily indicate a bias in the sample. Samples with multiple surrogate excursions may exhibit a bias in the results.

Definitions: LCS - Laboratory Control Sample
LCS dup - Laboratory Control Sample Duplicate
MS - Matrix Spike
MSD - Matrix Spike Duplicate
BS - Blank Spike also called LCS
BSD - Blank Spike Duplicate also called LCS dup
SRM - Standard Reference Material
DUP - Duplicate



Notes and Definitions

VOA-REAC2-chloroethylvinyl ether	readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.
S-09	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect confirmed by re-extraction and re-analysis of the sample.
S-07	The recovery of this surrogate was outside of RCP limits.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
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.
M-SeTC	It is noted that a known interference with selenium at the analytical line for analysis by ICP is caused by carbon emission from the TCLP or high organics matrix. The data user may subtract the matrix blank value from the data if needed.
M-MISpk	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The SRM was within acceptance limits, therefore data are acceptable.
M-LSRD	Original sample conc <50 X reporting limit.
M-HCSpk	Sample conc. >10 X spike conc.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-COMP	Completed
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.



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Page 1 of 6

York Project No. 16E1183

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: BL Companies	SAME <input checked="" type="checkbox"/>	SAME <input checked="" type="checkbox"/>		Name: <u> </u>		14EC0037		RUSH-Same Day		Summary Report	
Address: 355 Research Pkwy	Name: <u> </u>	Name: <u> </u>		Company: <u> </u>		Purchase Order #		RUSH-Next Day		QA Report	
Meriden, CT	Company: <u> </u>	Company: <u> </u>		Address: <u> </u>				RUSH-Two Day		CT RCP <input checked="" type="checkbox"/>	
Phone.: 203-630-1406	Address: <u> </u>	Address: <u> </u>		Joy Kloss				RUSH-Three Day		CT RCP DQA/DUE Pkg <input checked="" type="checkbox"/>	
Contact: Brian Gaulzetti	E-mail: <u> </u>	E-mail: <u> </u>		Joy Kloss				RUSH-Four Day		NY ASP A Package	
E-mail: bgaulzett@blcompanies.com				Samples from CT_X_NY_NU_		X		Standard (5-7day)		NY ASP B Package	

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.

Brian Gaulzetti
Samples Collected/Authorized By (Signature)
Brian Gaulzetti
Name (printed)

Volatiles	Semi-Vols.	Metals	Misc. Org.	Full Lists
8260 full TICs	8270 or 625	RCRA8	TPH GRO	Pri.Poll.
624 Site Spec.	STARS list	PPI3 list	TPH DRO	TCL Organs
STARS list	BN Only	TAL	CT ETPH	TAL/MeCN
BTEX	Acids Only	CTI.5 list	NY 310-13	Full TCLP
MTBE	PAH list	TAGM list	TPH 1664	Full App. IX
TCL list	TAGM list	NIDEP list	Air TO14A	Part 360-Routine
TAGM list	TCLP list	Total	Air TO15	Part 360-Estimate
CT RCP list	524.2	Dissolved	Air STARS	No. of Samples
Arom. only	502.2	SPL or TCLP	Air VPH	Part 360-Expanded
Halog. only	NIDEP list	Indic. Metals	Air TICs	Full List
App.IX list	SPL or TCLP	Chlordane	Methane	NYCDEP Sewer
8021B list	608 Pest	LEST Below	Helium	NYCDEP Sewer
				TAGM

Sample Identification	Date-Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
B-1-2'-4'	6-28-16 9:00	SOIL	Analyze all samples for: VOCs (via 8260), SVOCs (via 8270), ETPH, PCBs (via 8082), pesticides (via 8081), Total RCRA 8 Metals, and TCLP RCRA 8 Metals	2 jars, 2 DI vials, 1 meth. vial
B-2-2'-4'	6/28/2016 9:00	SOIL		2 jars, 2 DI vials, 1 meth. vial
B-2-5'-7'	6/28/2016 9:10	SOIL		2 jars, 2 DI vials, 1 meth. vial
B-3-2'-4'	6/28/2016 5:30	SOIL		2 jars, 2 DI vials, 1 meth. vial
B-3-6'-8'	6/28/2016 5:35	SOIL		2 jars, 2 DI vials, 1 meth. vial
B-4-2'-4'	6/28/2016 5:45	SOIL		2 jars, 2 DI vials, 1 meth. vial
B-4-7'-9'	6/28/2016 5:50	SOIL		2 jars, 2 DI vials, 1 meth. vial
B-5-2'-4'	6/28/2016 6:00	SOIL		2 jars, 2 DI vials, 1 meth. vial
B-5-6'-8'	6/28/2016 6:05	SOIL		2 jars, 2 DI vials, 1 meth. vial

4°C Frozen HCl MeOH HNO₃ H₂O₂ NaOH

Other:

Preservation (check all applicable)

Special Instructions Field Filtered Lab to Filter

Comments:

Samples Relinquished By Date/Time 6-28

Samples Received By Date/Time 1500

Samples Relinquished By Date/Time 6/30

Samples Received in LAB by Date/Time 6-30-16

Temperature on Receipt 4.7°C

Mod 1 of 6/24/19 204



YORK ANALYTICAL LABORATORIES
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Page 2 of 6
York Project No. 16E1183

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YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: BL Companies		<input checked="" type="checkbox"/> SAME <input type="checkbox"/> X		Name: <u>14EC0037</u>		RUSH-Same Day		Summary Report		QA Report	
Address: 355 Research Pkwy		Name:		Company:		RUSH-Next Day		CT RCP		CT RCP DQ/DUE Pkg <input checked="" type="checkbox"/> X	
Meriden, CT		Address:		Address:		RUSH-Two Day		NY ASP A Package		NY ASP B Package	
Phone.: 203-630-1406		Joy Kloss		Samples from CT_X_NY_NJ__		RUSH-Three Day		Standard (5-7day) <input checked="" type="checkbox"/> X		NUDEP Reduced Deliv	
Contact: Brian Gauzetti		E-mail: jkloss@blcompanies.com		Volatiles		Metals		Misc. Org.		Full Lists	
E-mail: bgauzetti@blcompanies.com		8260 full		TICs		RCRA6		TPH GRO		Pri. Poll.	

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
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Samples Collected/Authorized By (Signature)
Brian Gauzetti
Name (printed)

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
B-6-2'-4'	6/28/2016 6:15	SOIL	Analyze all samples for: VOCs (via 8260), SVOCs (via 8270), ETPH, PCBs (via 8082), pesticides (via 8081), Total RCRA 8 Metals, and TCLP RCRA 8 Metals	2 jars, 2 DI vials, 1 meth. vial
B-6-DUP	6/28/2016 6:15	SOIL		2 jars, 1 DI vials, 1 meth. vial
B-8-2'-4'	6/27/2016 9:10	SOIL		2 jars, 2 DI vials, 1 meth. vial
B-9-1'-3'	6/28/2016 12:30	SOIL		2 jars, 2 DI vials, 1 meth. vial
B-10-2'-4'	6/27/2016 7:50	SOIL		2 jars, 2 DI vials, 1 meth. vial
B-10-5'-7'	6/27/2016 8:55	SOIL		2 jars, 2 DI vials, 1 meth. vial
B-11-2'-4'	6/28/2016 12:15	SOIL		2 jars, 2 DI vials, 1 meth. vial
B-12-2'-4'	6/28/2016 9:35	SOIL		2 jars, 2 DI vials, 1 meth. vial
B-12-5'-7'	6/28/2016 9:45	SOIL		2 jars, 2 DI vials, 1 meth. vial

Preservation (check all applicable): 4°C Frozen HCl MeOH HNO₃ H₂O₂ Other

Special Instructions: Field Filtered Lab to Filter

Comments: Second DI vial for B-6-Dup broke

Samples Relinquished By: D. G. [Signature] Date/Time: 6/28/16
Samples Received By: Fridge Date/Time: 6-28

Samples Relinquished By: [Signature] Date/Time: 6/20/16
Samples Received in LAB by: [Signature] Date/Time: 6-20-16 1500

Temperature on Receipt: 4.7 °C

Rec'd at 6/30/16 2:04



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York Project No. 16 F1183

YOUR INFORMATION		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: BL Companies	<input checked="" type="checkbox"/> SAME	Name: <input checked="" type="checkbox"/> SAME	14EC0037		RUSH-Same Day		Summary Report		Summary Report		
Address: 355 Research Pkwy		Name:	Purchase Order #		RUSH-Next Day		QA Report		QA Report		
Meriden, CT		Company:			RUSH-Two Day		CT RCP		CT RCP		
Phone: 203-630-1406		Address:			RUSH-Three Day		CT RCP DQ/DUE Pkg		CT RCP DQ/DUE Pkg		
Contact: Brian Gaulzetti		Joy Kloss			RUSH-Four Day		NY ASP A Package		NY ASP A Package		
E-mail: bgaulzetti@blcompanies.com		E-mail			Standard (5-7day)		NY ASP B Package		NY ASP B Package		
<p>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>Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor</p> <p>Samples Collected/Authorized By (Signature) <i>Brian Gaulzetti</i> Name (printed) Brian Gaulzetti</p>											
<p>Analysis Requested (List above includes common analysis)</p> <p>Volatiles: 8260 full TICs, 624 Site Spec, STARS list, Nassau Co., BTEX, MTBE, TCL list, TAGM list, TCEP list, Arom. only, Halog. only, App.IX list, 8021B list</p> <p>Semi-Vols, Pests, PCBs, Herb: 8270 or 625, STARS list, BIN Only, Aids Only, PAH list, TAGM list, CT RCP list, TCLP list, TCEP list, 524.2, 502.2, NDEP list, App. IX, Chloroane, TCEP BNA, 608 Pest, SFL or TCLP, 608 PCB</p> <p>Metals: RCBAs, PP13 list, TAL, CTI 5 list, TAGM list, NDEP list, Total, Dissolved, SFL or TCLP, Ind. Metals, LIST Below</p> <p>Misc. Org.: TPH GRO, TPH DRO, CT ETPH, NY 310-13, TPH 1664, Air TO14A, Air TO15, Air STARS, Air VPH, Air TICs, Methane, Helium</p> <p>Full Lists: Pri. Poll., TCL Organics, TALM&CN, Full TCLP, Full App. IX, Part 360 Routine, Part 360 Baseline, Part 360 Essential, Part 360 Regional, Full App. IX, NY ODEP Sewer, NY SDEC Sewer, TAGM</p>											
<p>Container Description</p> <p>2 jars, 2 DI vials, 1 meth. vial</p> <p>2 jars, 2 DI vials, 1 meth. vial</p> <p>2 jars, 2 DI vials, 1 meth. vial</p> <p>2 jars, 2 DI vials, 1 meth. vial</p> <p>2 jars, 2 DI vials, 1 meth. vial</p> <p>2 jars, 2 DI vials, 1 meth. vial</p> <p>2 jars, 2 DI vials, 1 meth. vial</p> <p>2 jars, 2 DI vials, 1 meth. vial</p> <p>NaOH</p>											
<p>Comments:</p> <p>Analyze all samples for: VOCs (via 8260), SVOCs (via 8270), ETPH, PCBs (via 8082), pesticides (via 8081), Total RCRA 8 Metals, and TCLP RCRA 8 Metals</p> <p>4°C _____ Frozen _____ HCl _____ MeOH _____ HNO₃ _____ H₂SO₄ _____ ZnAc _____ Ascorbic Acid _____ Other _____</p> <p>Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/></p> <p>Samples Relinquished By <i>R. G. 6-28</i> Date/Time <i>6/30/16</i> Samples Relinquished By <i>BL Friede</i> Date/Time <i>6-30-16 1500</i></p> <p>Temperature on Receipt <u>4.7°C</u></p>											

Dec'd by 6/30/16 2:04



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York Project No. 16F1183

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: BL Companies	<input checked="" type="checkbox"/> SAME	Name: <input checked="" type="checkbox"/> SAME		Name: _____		14EC0037		RUSH-Same Day		Summary Report	
Address: 355 Research Pkwy		Company: _____		Company: _____		Purchase Order # _____		RUSH-Next Day		QA Report	
Meriden, CT		Address: _____		Address: _____				RUSH-Two Day		CT RCP	
Phone.: 203-630-1406		Joy Kloss		Joy Kloss				RUSH-Three Day		CT RCP DQA/DUE Pkg <input checked="" type="checkbox"/>	
Contact: Brian Gauzetti		E-mail: bkloss@blcompanies.com		E-mail: _____				RUSH-Four Day		NY ASP A Package	
E-mail: bgauzetti@blcompanies.com						Samples from CT, X, NY, NJ, _____		Standard (5-7day)		NY ASP B Package	

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Samples Collected/Authorized By (Signature)
Brian Gauzetti
Name (printed)
Brian Gauzetti

Volatiles	Semi-Vols, Pest/PCB/Herb	Metals	Misc. Org.	Full Lists
8260 full TICs	8082PCB	RCRAB	TPH GRO	Pri.Poll.
624 Site Spec.	STARS list	PP13 list	TPH DRO	TCL Organics
STARS list Nussau Co.	8081Pest	TAL	CT ETPH	TAL/MetCN
BTEX	BN Only	CTI5 list	NY 310-13	Full TCLP
MTBE	Agids Only	App. IX	TPH 1664	Full App. IX
TCL list Oxygenates	PAH list	TAGM list	Air TO14A	Part300-acute
TAGM list TCLP list	Site Spec.	NJDEP list	Air TO15	Part300-acute
CT RCP list 524.2	TCLP Pest	Dissolved	Air STARS	Part360-Bedrine
Arom. only 502.2	TCLP Herb	SPL or TCLP	Air VPH	Part360-Bedrine
Halog. only NJDEP list	App. IX	Indic. Metal	Air TICs	NYCDEP Spec
App.IX list SPL or TCLP	Chlordane	LIST Below	Methane	NYSEDEC Spec
8021B list	TCLP BNA		Helium	TAGM
	SPL or TCLP 608 PCB			

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
B-23-2'-4'	6/28/2016 9:50	SOIL	Analyze all samples for: VOCs (via 8260), SVOCs (via 8270), ETPH, PCBs (via 8082), pesticides (via 8081), Total RCRA 8 Metals, and TCLP RCRA 8 Metals	2 jars, 2 DI vials, 1 meth. vial
B-24-2'-4'	6/27/2016 12:15	SOIL		2 jars, 2 DI vials, 1 meth. vial
B-25-2'-4'	6/27/2016 12:35	SOIL		2 jars, 2 DI vials, 1 meth. vial
B-26-1'-3'	6/27/2016 1:00	SOIL		2 jars, 2 DI vials, 1 meth. vial
B-26-6'-8'	6/27/2016 1:10	SOIL		2 jars, 2 DI vials, 1 meth. vial
B-27-1'-3'	6/27/2016 1:50	SOIL		2 jars, 2 DI vials, 1 meth. vial
B-28-1'-3'	6/27/2016 1:35	SOIL		2 jars, 2 DI vials, 1 meth. vial
Trip blank	N/A	water		2 vials

Comments:

4°C _____ Frozen _____ HCl _____ MeOH _____ HNO₃ _____ H₂O₂ _____ NaOH _____
 ZnAc _____ Ascorbic Acid _____ Other _____

Preservation (check all applicable)

Special Instructions
 Field Filtered
 Lab to Filter

Samples Relinquished By *M.C.* Date/Time *6-28*
 Samples Relinquished By *Bl Balle* Date/Time *6-30-16 1500*

Samples Received By *Bl Fridge* Date/Time _____
 Samples Recored in LAB by _____ Date/Time _____

Temperature on Receipt *47°C*

Rec'd at 6/30/16 2:04

