76 AINSLIE STREET

BROOKLYN, NEW YORK

Remedial Investigation Report

E-Designation E-138

CEQR Number 04DCP003K

OER Project Number 16EHAZ222K

Greenpoint-Williamsburg Rezoning

Prepared for:

Horrigan Development LLC
13 West 36th Street, Floor 7
New York, NY 10018
chris@horrigancompanies.com
matthew@horrigancompanies.com

Prepared by:

Liberty Environmental, Inc.
131 Varick Street, Suite 1022
New York, NY 10013
(800) 305-6019

March 2016

REMEDIAL INVESTIGATION REPORT

TABLE OF CONTENTS

FIGURES 3
LIST OF ACRONYMS 6
CERTIFICATION 7
EXECUTIVE SUMMARY 8
REMEDIAL INVESTIGATION REPORT 12
1.0 SITE BACKGROUND 12
1.1 Site Location and Current Usage 12
1.2 Proposed Redevelopment Plan 12
1.3 Description of Surrounding Property 13
2.0 SITE HISTORY 14
2.1 Past Uses and Ownership 14
2.2 Previous Investigations 14
2.3 Site Inspection 15
2.4 Areas of Concern 15
3.0 PROJECT MANAGEMENT 16
3.1 Project Organization 16
3.2 Health and Safety 16
3.3 Materials Management 16
4.0 REMEDIAL INVESTIGATION ACTIVITIES 17
4.1 Geophysical Investigation 17
4.2 Soil Borings 17
4.3 Sample Collection and Chemical Analysis 18
5.0 ENVIRONMENTAL EVALUATION 22
5.1 Geological and Hydrogeological Conditions 22
5.2 Soil Chemistry 23
5.3 Soil Vapor Chemistry 25
5.5 Prior Activity 26
5.6 Impediments to Remedial Action 26

FIGURES

Figure 1: Site Location

Figure 2: Site Diagram

Figure 3: Proposed Development Cross-Section

Figure 4: Area Map

Figure 5: Sampling Locations

Figure 6: Map of Soil Chemistry Results

Figure 7: Map of Soil Vapor Chemistry Results

TABLES

Table 1a: Soil Analytical Summary Table

Table 1b: Air Analytical Summary Table

Table 2: Soil Analytical Data Table
(Detected Compounds Only Compared to RCSCOs)

Table 3: Soil Vapor Analytical Data Table
(Detected Compounds Only Compared to NYSDOH Guidance Values)

APPENDICES

Appendix A: 2013 Merritt Limited-Phase II Investigation Report

Appendix B: Site Specific Health and Safety Plan

Appendix C: Soil Boring Geologic Logs

Appendix D: Laboratory Data Deliverables for Waste Characterization Soil Analytical Data

Appendix E: Laboratory Data Deliverables for Remedial Investigation Soil Analytical Data

Appendix F: Laboratory Data Deliverables for Remedial Investigation Soil Vapor Analytical Data

Appendix G: Historical Maps

LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
CAMP	Community Air Monitoring Plan
COC	Contaminant of Concern
CPP	Citizen Participation Plan
CSM	Conceptual Site Model
DER-10	New York State Department of Environmental Conservation Technical Guide 10
FID	Flame Ionization Detector
GPS	Global Positioning System
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
NAPL	Non-aqueous Phase Liquid
NYC VCP	New York City Voluntary Cleanup Program
NYC DOB	New York City Department of Buildings
NYC DOHMH	New York City Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
NYS DOH ELAP	New York State Department of Health Environmental Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration
PID	Photoionization Detector
QEP	Qualified Environmental Professional
RI	Remedial Investigation
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database

CERTIFICATION

I, James P. Cinelli, P.E., BCEE, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the 76 Ainslie Street Site, (NYC VCP Site No. 16EHAZ222K). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

James P. Cinelli, P.E., BCEE 3-4-16

Qualified Environmental Professional Date Signature

EXECUTIVE SUMMARY

The Remedial Investigation Report (RIR) provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy pursuant to RCNY§ 43-1407(f). The remedial investigation (RI) described in this document is consistent with applicable guidance.

Site Location and Current Usage

The Site is located at 76 Ainslie Street in the Williamsburg section of Brooklyn, New York and is identified as Block 2375 and Lot 10 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 5,000 square feet and is bounded by Ainslie Street to the north, Lot 3 to the south, Lot 12 to the east, and Lot 5 to the west. A map of the site boundaries is shown in Figure 2. Currently, the Site is used for warehousing and contains a single, high-ceiling former industrial building with a steel frame and masonry walls that covers the entire area of the Site.

Summary of Proposed Redevelopment Plan

The proposed redevelopment plan of the Site will consist of conversion of the existing building into a bar/restaurant. The existing raised floor slab will be removed and replaced approximately 32 inches below the current height to meet the sidewalk grade. The volume of material estimated to be excavated for lowering of the floor slab is 492 cubic yards (739 tons), and is entirely fill material. The site will be excavated further to install a partial basement for food storage, anticipated to be 100 feet deep by 30 feet wide on the western portion of the site. The depth of the proposed partial basement is anticipated to be 10 feet below ground surface (bgs), with foundation footings at a maximum proposed depth of 13 feet bgs. The volume of material estimated to be excavated for the installation of the partial basement is 1,122 c.y. (1,833 tons), which is a mixture of fill material and native soils. It is not anticipated that excavation will extend to the groundwater table. The proposed use is consistent with existing zoning for the property. Layout of the proposed site development is presented in Figure 3.

Summary of Past Uses of Site and Areas of Concern

According to a review of NYC DOB building records for the Site, an alteration of a certificate of occupancy from 1902 was recorded on February 11, 1974 for an altered use of the slab-on grade single-story 18-foot tall building to be used for manufacturing plastic products. NYC DOB records indicate a number of alterations to the property between 1906 and 1989,

record of a demolition from 1910, and a building notice on October 21, 1983. According to the current deed, the 76 Ainslie Street property is owned by PHD Ainslie LLC, which acquired the property from Lost City Real Estate LLC on June 9, 2014. Historical fire insurance maps from 1868 and 1904 indicate that the Site was formerly occupied by two adjoining buildings, each 25 feet wide and 100 feet deep, depicted as tenant lofts indicating various manufacturing occupancies. According to a previous limited investigation report from 2013, at that time the site was being used as a decorative ceramics workshop.

The AOCs identified for this site include:

1. Exceedances of RCSCOs in B3 (3'-5') for arsenic, barium, and lead; and
2. Exceedances of RCSCOs in B1 (5'-7') for lead and mercury.

A copy of the 2013 Merritt Focused Subsurface Investigation Report is provided in Appendix A.

Summary of the Work Performed under the Remedial Investigation

Horrigan Development performed the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed 4 soil borings across the entire project Site, and collected 8 soil samples for chemical analysis from the soil borings to evaluate soil quality for investigation. Fifteen (15) soil samples were collected and analyzed for waste classification purposes; and
3. Installed 3 soil vapor probes and 1 sub-slab vapor sampling point on the Site and collected 4 samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the building floor slab is approximately 19.6 feet above mean sea level.
2. Based on a previous investigation, depth to groundwater in anticipated to be at a depth of 17 feet at the Site.
3. Groundwater flow is generally from north to northwest beneath the Site.
4. Depth to bedrock is unknown at the Site.

5. The stratigraphy of the site, from the surface down, consists of approximately 6 to 9 feet of historical fill material underlain by sandy clay loam with pebble clasts. The Site is underlain by the Raritan Formation from the Upper Cretaceous series, described as primarily clay with silty clay, sand and gravel as part of coastal plain sediments to an unknown depth.

6. Soil/fill samples collected during the 2013 Phase II Report and 2016 RI were compared to New York State Department of Environmental Conservation 6NYCRR Part 375-6.8 Unrestricted Use Soil Cleanup Objectives (SCOs) and Restricted Commercial Soil Cleanup Objectives (RCSCOs). No VOCs or pesticides were detected. One PCB was detected below its respective SCO. Several SVOCs consisting of Polycyclic Aromatic Hydrocarbons (PAHs) were detected with benz(a)anthracene (max. of 4.23 mg/kg), benzo(a)pyrene (max. of 3.37 mg/kg), benzo(b)fluoranthene (max. of 2.56 mg/kg), benzo(k)fluoranthene (max. of 3.01 mg/kg), chrysene (max. of 3.94 mg/kg), dibenzo(a,h)anthracene (max of 1.16 mg/kg) and indeno(1,2,3-cd)pyrene (max. of 1.98 mg/kg), exceeding Unrestricted Use SCOs within shallow soil samples. Of those, benzo(a)pyrene and dibenzo(a,h)anthracene also exceeded Restricted Commercial SCOs in shallow soil samples and waste characterization samples. Several metals including arsenic (max. of 29.1 mg/kg), barium (max. of 2,100 mg/kg), chromium (max. of 41.4 mg/kg), copper (max. of 83.8 mg/kg), lead (max. of 2,200 mg/kg), mercury (max of 3.93 mg/kg), and zinc (max. of 2,100 mg/kg) exceeded Unrestricted Use SCOs in soil samples. Of those, arsenic, barium, lead, and mercury also exceeded Restricted Commercial SCOs in soil samples and waste characterization samples. None of the soil samples collected from the 13 to 15-foot interval (in native soil) exceeded RCSCOs.

7. Groundwater sample results from the 2013 Phase II Report were compared to New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). Three VOCs, chloroform, trichloroethylene, and tetrachloroethylene was detected at trace concentrations in three groundwater samples below their respective GQS. SVOCs, PCBs, pesticides, and total and dissolved metals were not tested.

8. Soil vapor samples collected during the RI were compared to the New York State Department of Health (NYSDOH) Final Guidance on Soil Vapor Intrusion (October 2006 and subsequent updates). Soil vapor samples collected during the RI indicate that petroleum-related VOCs were present at low concentrations. The maximum total

concentration of petroleum-related VOCs (BTEX) was 44.7 $\mu g/m^3$. Exceedances of NYSDOH guidance values include PCE detected in sub-slab vapor in GP-7 at a concentration of 37 $\mu g/m^3$, and 1,1,1-TCA detected in soil vapor in GP-4 at a concentration of 690 $\mu g/m^3$. Carbon tetrachloride and trichloroethylene (TCE) were not detected in any of the three samples. Concentrations of 1,1,1-trichloroethane (TCA) were above the mitigation level ranges established within the NYSDOH soil vapor guidance matrix.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Horrigan Development LLC has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.11-acre site located at 76 Ainslie Street in the Williamsburg section of Brooklyn, New York. Commercial use is proposed for the property. The RI field work was performed between January 21, 2016 and January 25, 2016. This RIR summarizes the nature and extent of contamination and provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy that is protective of human health and the environment consistent with the use of the property pursuant to RCNY§ 43-1407(f).

1.1 Site Location and Current Usage

The Site is located at 76 Ainslie Street in the Williamsburg section of Brooklyn, New York and is identified as Block 2375 and Lot 10 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 5,000 square feet and is bounded by Ainslie Street to the north, Lot 3 to the south, Lot 12 to the east, and Lot 5 to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is used for warehousing and contains a single, high-ceiling former industrial building with a steel frame and masonry walls that covers the entire area of the Site.

1.2 Proposed Redevelopment Plan

The proposed redevelopment plan of the Site will consist of conversion of the existing building into a bar/restaurant. The existing raised floor slab will be removed and replaced approximately 32 inches below the current height to meet the sidewalk grade. The volume of material estimated to be excavated for lowering the floor slab is 492 cubic yards (739 tons), and is entirely fill material. The site will be excavated further to install a partial basement anticipated to be 100 feet deep by 30 feet wide, on the western portion of the site. The depth of the proposed partial basement is anticipated to be 10 feet below ground surface (bgs), with foundation footings at a maximum proposed depth of 13 feet bgs. The volume of material estimated to be excavated for the installation of the partial basement is 1,122 cubic yards (1,833 tons), which is a mixture of fill material and native soils. It is not anticipated that excavation will extend into the groundwater table. Layout of the proposed site development is presented in Figure 3.

The current zoning designation is M1-2/R6A on the New York City Tax Map, which allows for light industrial and manufacturing use and/or medium-density quality-housing residential use. According to the New York City Department of Buildings (NYC DOB), the Site also has a MX-8 special district mixed-use designation as well as an e-Designation (E-138) for hazardous materials. According to the OER *SPEED* application the Site is located within a NYS Environmental (EN) Zone for census tract 513. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The surrounding neighborhood consists of similarly zoned property including special mixed use residential and light industrial districts, as well as medium-density residential districts. The adjacent property to the north across Ainslie Street, 65 Ainslie Street (Block 2372, Lot 21) contains a five-story residential building. The adjoining property to the west, 66 Ainslie Street (Block 2375, Lot 5), is currently under construction for a seven-story mixed-use residential building. The adjoining property to the east, 80 Ainslie Street (Block 2375, Lot 12), contains a two-story building and is classified as an industrial factory. The adjoining property to the south, 432 Keap Street (Block 2375, Lot 3), contains a two-story building classified as a warehouse. According to the OER *SPEED* application, there are no schools or hospitals identified within a 500-foot radius of the Site. A daycare facility is located at 418 Keap Street, approximately 300 feet to the southwest of the Site, identified as Two By Two Childcare and Consulting, LLC.

Figure 4 shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

According to a review of NYC DOB building records for the Site, an alteration of a certificate of occupancy from 1902 was recorded on February 11, 1974 for an altered use of the slab-on grade single-story 18-foot tall building to be used for manufacturing plastic products. NYC DOB records indicate a number of alterations to the property between 1906 and 1989, record of a demolition from 1910, and a building notice on October 21, 1983. According to the current deed, the 76 Ainslie Street property is owned by PHD Ainslie LLC, which acquired the property from Lost City Real Estate LLC on June 9, 2014. Historical fire insurance maps from 1868 and 1904 indicate that the Site was formerly occupied by two adjoining buildings, each 25 feet wide and 100 feet deep, depicted as tenant lofts indicating various manufacturing occupancies. According to a previous limited investigation report from 2013, at that time the site was being used as a decorative ceramics workshop.

Historical maps referenced in this section are provided in Appendix G.

2.2 Previous Investigations

A limited subsurface investigation was completed at the 76 Ainslie Street site on November 22, 2013 by Merritt Environmental Consulting Corp. for Horrigan Development. The 2013 limited investigation was completed in order to evaluate soil and groundwater conditions beneath the site. During this investigation, one soil and one groundwater sample were collected from each of the three borings advanced at the Site. Soil sample depths ranged from 3 to 7 feet bgs. The three soil samples were analyzed for VOCs, polychlorinated biphenyls (PCBs) and target analyte list metals. The three groundwater samples, one collected from each of the temporary groundwater monitoring wells that were installed in the soil borings, were analyzed for VOCs. All samples collected during the 2013 limited investigation were sent to Chemtech Laboratories for analysis. Results of 2013 limited investigation did not exceed the 6NYCRR Part 375-6.8 Unrestricted Use Soil Cleanup Objectives (UUSCOs) for VOCs in soil or the New York State 6NYCRR Part 703.5 Class GA Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) for VOVs in groundwater. The only VOC detected in soil was methylene chloride. The VOCs detected in groundwater were chloroform, trichloroethene, and perchloroethylene. Elevated levels of heavy metals were detected in soil, including arsenic, barium, lead, and mercury, which exceeded the RCSCOs in

two of the samples collected. No PCBs were detected in soil. Groundwater was found at 17 feet bgs across the Site during the 2013 limited investigation.

The locations of samples collected during the 2013 limited investigation are shown in Figures 5 and 6. The soil analytical data collected during the 2013 limited investigation is included in Table 2. A copy of Merritt's 2013 Focused Subsurface Investigation Report is provided in Appendix A.

2.3 Site Inspection

On January 21, 2016, a site inspection was performed by Raphael Rosenbaum, under the direction of James P. Cinelli, P.E., BCEE, a Qualified Environmental Professional (QEP), prior to implementing the remedial investigation work plan. At the time of the inspection, the Site contained building materials and piles of heavy timbers. The pottery kilns depicted in the 2013 limited investigation report had been removed prior to Liberty's site inspection. The concrete floor slab appeared to have a crack in at least one location along the northwest portion of the Site. No buried utilities in the immediate area of the soil boring locations had been identified through the utility mark-out or through an interview with Chris Horrigan, representative of Horrigan Development.

2.4 Areas of Concern

Results of the 2013 limited investigation indicated concentrations of arsenic (29.1 milligrams per kilogram (mg/kg)), barium (2,100 mg/kg), and lead (2,200 mg/kg) in sample location B3, collected 3 to 5 feet below the existing slab, exceeding RCSCOs. Concentrations of lead (1,600 mg/kg) and mercury (3.93 mg/kg) in sample location B1, collected from 5 to 7 feet below the existing floor slab also exceed the RCSCOs.

In summary, the AOCs identified for this site include:

1. Exceedances of RCSCOs in B3 (3'-5') for arsenic, barium, and lead;
2. Exceedances of RCSCOs in B1 (5'-7') for lead, and mercury.

A copy of Merritt's 2013 Focused Subsurface Investigation Report is provided in Appendix A.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is James P. Cinelli, P.E., BCEE. Raphael J. Rosenbaum, Project Scientist II, performed this remedial investigation under the direction and direction supervision of James P. Cinelli, P.E., BCEE, and the direction of Andrew R. Fetterman, P.G.

3.2 Health and Safety

All work described in this RIR was performed in full compliance with applicable laws and regulations, including Site and OSHA worker safety requirements and HAZWOPER requirements.

A copy of the Health and Safety Plan is provided in Appendix B.

3.3 Materials Management

All material encountered during the RI was managed in accordance with applicable laws and regulations.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

The remedial investigation included the following scope of work:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed 4 soil borings across the entire project Site, and collected 8 soil samples for chemical analysis from the soil borings to evaluate soil quality for investigation. 15 soil samples were collected and analyzed for waste classification purposes; and
3. Installed 3 soil vapor probes and one sub-slab vapor sampling point and collecting four samples for chemical analysis.

4.1 Geophysical Investigation

A geophysical survey was not performed prior to intrusive activities. All borings were advanced within the building footprint. Locations near the boring locations that were used during the 2013 limited investigation were targeted, in an effort to reduce the likelihood of potential encounters with underground obstructions. A utility mark-out was conducted at the Site prior to any intrusive activities.

4.2 Soil Borings

Drilling and Soil Logging

During the soil investigation, each boring was advanced using Geoprobe® direct push technology to the desired depth and/or refusal. Soil cores were obtained in continuous intervals within dedicated plastic sleeves inside pre-cleaned stainless steel sampling rods. Soils within each boring were logged for various characteristics such as recovery, soil type, moisture, grain size, color, soil/fill types, the presence of free and/or residual product, and visual and olfactory evidence of chemical impact, and were field-screened for the presence of volatile organic vapors using a MiniRAE 2000 photo-ionization detector (PID). Upon sample collection, the soil samples were immediately placed in laboratory-supplied bottleware and submitted under proper chain-of-custody procedures.

Boring logs were prepared by a project scientist and are provided in Appendix C. The soil boring locations are shown in Figure 5.

Survey

Manual field measurements were utilized to determine the location of soil borings and vapor points during Liberty's investigation.

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted for all Areas of Concern and also considered other means for bias of sampling based on professional judgment, area history, discolored soil, field instrument measurements, odor, or other field indicators. All media including soil, groundwater and soil vapor have been sampled and evaluated in the RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

Soil Sampling

A total of 23 soil samples were collected for chemical analysis during this RI. Of the 23 soil samples collected, eight were discrete grab samples analyzed for a full suite of analyses as stipulated in the RIWP. The remaining 15 soil samples were collected for waste characterization purposes; these 15 soil samples are identified with the abbreviation "WC". Of the WC-designated samples collected as part of this RI, 12 are discrete grab samples and three are composite samples comprised of the entire profile of the soil boring from which they were collected. One trip blank was submitted for analysis with each shipment of soil samples to the laboratory for quality assurance/quality control (QA/QC) purposes. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is summarized in Table 1a, and detected compounds are compared to applicable standards in Table 2. Figure 5 shows the location of samples collected in this investigation. The laboratory and analytical methods used are shown below.

Soil Vapor Sampling

Three soil vapor probes (GP-4, GP-6, and GP-6 Duplicate 2) and one sub-slab vapor probe (GP-7) were installed at the Site and four vapor samples were collected for chemical analysis during this RI. GP-4 was completed to 13.5 feet bgs and constructed with a 6 inch long stainless

steel screen. The GP-6 soil vapor sample location was completed to 13 feet bgs and constructed with two 6 inch long stainless steel screens attached to separate dedicated tubing in order to collect a duplicate soil vapor sample for QA/QC purposes. The GP-7 sub-slab vapor sample location was completed one foot below the concrete floor slab and constructed with a 6 inch long stainless steel screen. Plastic tubing was connected to the top of the screening via a hose barb and extended approximately 2 feet above the ground surface. The annulus of the vapor points were filled with sand (extending from the bottom of the borehole to 3 inches above the screened interval). For the soil vapor sample points, a plug was constructed with bentonite approximately 2 to 4 feet above the soil vapor sample probe. All vapor sample points were sealed at the penetration of the concrete slab with a plug constructed of bentonite. Prior to collecting each vapor sample, the volume of air present in the plastic tubing and screened interval was purged using an automated hand-held pump for a period of 15 minutes to ensure that a minimum of three implant volumes had been purged prior to collection of representative samples.

As part of the vapor intrusion evaluation, helium was used as a tracer gas in accordance with NYSDOH protocols to serve as a quality assurance/quality control (QA/QC) to verify the integrity of the soil vapor probe seals. A container (box, plastic pail, etc.) and bentonite served to keep the tracer gas in contact with the probe during testing. A Radiodetection Helium/Hydrogen Multi-Gas Detector (MGD-2002) was used to detect the presence of the helium tracer gas in the vapor points prior to sampling. Upon conducting the helium tracer test procedure at GP-7, the bentonite seal with the concrete floor slab was found to be compromised and allow for a concentration of 225 ppm helium tracer gas to be detected in the sub-slab point. The bentonite seal was repaired and the subsequent helium tracer test conducted on GP-7 did not detect helium tracer gas. All other soil vapor sample points passed the helium tracer test upon initial testing.

One round of soil vapor sampling was performed at the Site after at least 24 hours had passed since the installation of the vapor probes. Following purging, the plastic tubing was connected to the Summa canister. Each Summa canister was preset by the laboratory to collect six liters of gas over a period of two hours (approximately 8 milliliters per minute). The vacuum present in each Summa canister was monitored prior to, during, and after the sampling events. The summa canister associated with an initial attempt to collect a duplicate soil vapor sample from GP-6 (GP-6 Duplicate 1) was found to have lost vacuum pressure prior to the completion of the two hour time period. Therefore GP-6 duplicate vapor sample GP-6 Duplicate 2, was started

approximately one hour after the start of vapor sample GP-6. Upon completion of the sampling event, the Summa canisters were turned over to a courier for the laboratory along with a chain of custody document.

Soil vapor sampling locations are shown in Figure 5. Soil vapor sample data is summarized in Table 1b and detected compounds are compared to applicable guidance values in Table 3. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

Chemical Analysis

Chemical analyses presented in this RIR were performed in the following manner:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by James P. Cinelli, P.E., BCEE
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and were York Analytical Laboratories, Inc.
Chemical Analytical Methods	Remedial investigation soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); • Total Solids by EPA Method SM2530G. Waste characterization soil analytical methods: • DRO (C10-C28) by EPA Method 8015D • GRO (C5-C10) by EPA Method 8015D • NJDEP EPH (Cat. 2 Non-Fractionated) (rev. 3.0); • VOCs by EPA Method 8260C (rev. 2006); • TCLP RCRA List VOCs by EPA Method 8260C/1311; • SVOCs by EPA Method 8270D (rev. 2007); • TCLP RCRA List SVOCs by EPA method 8270D/1311; • TAL Metals by EPA Method 6010C (rev. 2007); • TCLP RCRA Metals by EPA 6010C/1311;

	• Mercury by EPA Method 7473/1311; • Hexavalent Chromium by EPA Method 7196A; • Pesticides by EPA Method 8081B (rev. 2000); • TCLP Herbicides by EPA Method 8151A/1311; • TCLP RCRA List Pesticides by EPA Method 8081B/1311; • PCBs by EPA Method 8082A (rev. 2000); • Ignitability by EPA Method 1030P; • Corrosivity by EPA Method 9045D; • Reactivity-Cyanide by EPA SW-846 Ch. 7.3.3; • Reactivity-Sulfide by EPA SW-846 Ch. 7.3.4; • Total Solids by Method SM2530G. Soil vapor analytical methods: • VOCs by TO-15 VOC parameters.

Results of Chemical Analyses

The laboratory data for all media is summarized in Tables 1a and 1b, detections in laboratory soil data are reported in Table 2, and detections of laboratory soil vapor data are reported in Table 3. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendices D through F.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

According to the USDA NRCS New York City Reconnaissance Soil Survey (2005), soils underlying the Site are characterized as urban land consisting of pavement and buildings over till substratum with zero to five percent slopes, which consists of nearly level to gently sloping, highly urbanized areas with more than 80 percent of the surface cover by impervious pavement and buildings. Based on the NYS Geological Survey, NYS Museum Technology Center (1999), *1:250,000 Bedrock Geology of NYS Map*, the Site is likely underlain by the Raritan Formation from the Upper Cretaceous series, described as primarily clay with silty clay, sand and gravel as part of coastal plain sediments.

Based on observations from the soil investigation, historical fill material is located to depths of 6 to 9 feet bgs. It is difficult to determine the exact depth of the historical fill-native soil interface due to partial collapse of the walls of the soil boring during the course of probing activities. Generally, sandy clay loam with pebble clasts was observed beneath the historical fill material. Equipment refusal was encountered at a range of depths from approximately 6 inches bgs (believed to be building footers) to 5 feet bgs. Void spaces were encountered particularly in the GP-6 boring location, indicating the presence of large debris such as fill material, concrete or boulders.

Hydrogeology

Groundwater was not encountered during this investigation. However, soils in the GP-5 boring location at 12 to 15 feet bgs were characterized by moist and or wet conditions. No other boring location indicated the presence of saturated soils at these depths. An open excavation exists in the adjacent property to the west, 66 Ainslie Street (Block 2375, Lot 5), at a depth of approximately 15 to 20 feet below sidewalk grade. The saturated soil conditions in GP-5 are not believed to be related to the elevation of the groundwater table, but rather from localized mounding due to an unknown subsurface condition. Groundwater is anticipated to flow north-northwest towards the East River. During the 2013 limited investigation, groundwater was found at 17 feet bgs across the Site.

5.2 Soil Chemistry

Twenty-three soil samples were collected from the Site to determine the concentration ranges and distributions. Of the 23 soil samples collected, eight soil samples were discrete grab samples analyzed for a full suite of analyses as stipulated in the RIWP. The remaining 15 soil samples were designated for analyses related to the characterization of the material for waste characterization purposes; these 15 soil samples are identified with the abbreviation "WC". Of the WC-designated samples collected as part of this RI, 12 are discrete grab samples and three are composite samples comprised of the entire profile of the soil boring from which they were collected. Analytical results were compared to RCSCOs.

Volatile Organic Compounds

Four VOCs were detected in soil samples, however none of the VOCs exceeded the RCSCOs. Detected VOCs include 2-butanone (max. 0.0036 mg/kg), acetone (max. 0.01 mg/kg), tetrachloroethylene (max. 0.0045 mg/kg), and toluene (max. 0.03 mg/kg). The following VOC Tentatively Identified Compounds (TICs) were detected: dimethyl naphthalene isomers (max. 0.039 mg/kg), methoxy hexanone isomer (max. 0.0081 mg/kg in GP-4WC), methyl heptanone isomer (max. 0.0093 mg/kg), and trimethyl hexane isomer (max. 0.0052 mg/kg). The range of values for Extractable Petroleum Hydrocarbons (EPH) was 71.9 mg/kg to 369 mg/kg. The range of values for Total Petroleum Hydrocarbons diesel range organics (DRO) was 20.6 mg/kg to 2,090 mg/kg. Total Petroleum Hydrocarbons gasoline range organics (GRO) were not detected.

The detections of VOCs were limited to shallow sample GP-5(0-3) and composite waste characterization samples GP-4WC and GP-6WC. Of the grab samples collected for waste characterization and analyzed for DRO, the lowest concentration was found in GP-5WC(12) at 12 feet bgs in deep native soils, and the peak concentration was found in GP-4WC(3) in shallow historic fill material. Of the three composite samples analyzed for waste characterization purposes, the lowest EPH concentration was found in GP-5WC, while the peak concentration was found in GP-4WC.

Semi-Volatile Organic Compounds

Twenty-three SVOC were detected in soil samples. Detected SVOCs include 2-methylnaphthalene (max. 0.16 mg/kg), 3,3'-dichlorobenzidine (max. 0.06 mg/kg), acenaphthene (max. 0.57 mg/kg), acenaphthylene (max. 0.16 mg/kg), anthracene (max. 1.07 mg/kg), benzo(a)anthracene (max. 4.23 mg/kg), benzo(a)pyrene (max. 3.37 mg/kg), benzo(b)fluoranthene (max. 2.56 mg/kg), benzo(g,h,i)perylene (max. 2.52 mg/kg),

benzo(k)fluoranthene (max. 3.01 mg/kg), bis(2-ethylhexyl)phthalate (max. 0.11 mg/kg), carbazole (max. 0.35 mg/kg), chrysene (max. 3.94 mg/kg), dibenzo(a,h)anthracene (max. 1.16 mg/kg), dibenzofuran (max. 0.17 mg/kg), fluoranthene (max. 5.01 mg/kg), fluorene (max. 0.52 mg/kg), indeno(1,2,3-cd)pyrene (max. 1.98 mg/kg), naphthalene (max. 0.17 mg/kg), n-nitroso-di-n-propylamine (max. 0.18 mg/kg), n-nitrosodiphenylamine (max. 0.061 mg/kg), phenanthrene (max. 4.62 mg/kg), and pyrene (max. 5.9 mg/kg). The SVOCs that exceeded the RCSCOs for their respective limits are benzo(a)pyrene (1.0 mg/kg), and dibenzo(a,h)anthracene (0.56 mg/kg).

The detections of SVOCs are limited to a composite waste characterization sample and shallow samples collected above 4 feet bgs. No SVOCs were detected in soil samples collected from 13 to 15 feet bgs in native soils. The values for benzo(a)pyrene, which has a RCSCO of 1.0 mg/kg, range from non-detect to 3.37 mg/kg in GP-5(0-3). Concentrations of benzo(a)pyrene exceeded the RCSCO in GP-6WC (1.08 mg/kg), GP-4(0-3) (1.69 mg/kg), and GP-5(0-3) (3.37 mg/kg). Concentrations of dibenzo(a,h)anthracene, which has a RCSCO of 0.56 mg/kg, range from non-detect to 1.16 mg/kg in GP-5(0-3). The concentration of dibenzo(a,h)anthracene in GP-5(0-3) exceeded the RCSCO.

Metals

Twenty metals were detected in soil samples. The detected metals include aluminum (max. 16,900 mg/kg), antimony (max. 10.5 mg/kg), arsenic (max. 14.1 mg/kg), barium (max. 410 mg/kg), beryllium (max. 0.22 mg/kg), cadmium (max. 1.15 mg/kg), calcium (max. 52,200 mg/kg), chromium (max. 41.4 mg/kg), cobalt (max. 10.9 mg/kg), copper (max. 148 mg/kg), iron (max. 44,800 mg/kg), lead (max. 629 mg/kg), magnesium (max. 4,190 mg/kg), manganese (max. 569 mg/kg), nickel (max. 19.1 mg/kg), potassium (max. 1,980 mg/kg), selenium (max. 3.67 mg/kg), sodium (max. 1,090 mg/kg), vanadium (max. 49.7 mg/kg), and zinc (max. 446 mg/kg). The only concentration of metals measured during this investigation found to exceed the RCSCOs for their respective limits are barium (400 mg/kg), and mercury (2.8 mg/kg).

The values for barium, which has a RCSCO of 400 mg/kg, ranged from 34.9 mg/kg in GP-4(13-15) to 410 mg/kg in GP-7(4-6). GP-7(4-6) is the only exceedance of RCSCOs for barium. The values for mercury, which has a RCSCO of 2.8 mg/kg, range from non-detect to 6.7 mg/kg in GP-6WC. Concentrations of mercury which exceed the RCSCO were found in GP-6(0-3) (2.95 mg/kg) and GP-6WC (6.7 mg/kg).

Additional Analyses

No pesticides or herbicides were detected. A single detection of PCBs was observed below the RCSCO for total PCBs of 1 mg/kg. Aroclor 1260 was detected in GP-4WC at a concentration of

0.029 mg/kg. No other PCBs were detected. Measures of corrosivity as indicated by pH ranged from 8.65 in GP-4WC to 9.02 in GP-5WC. Samples tested for ignitability tested negative. Reactivity with sulfide was measured to be between 16 mg/kg to 24 mg/kg. Reactivity to cyanide was measured at 0.25 mg/kg for all three composite waste characterization samples.

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Table 1a and detected compounds in soil are reported in Table 2. Figure 6 shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 2 RCSCOs.

5.3 Soil Vapor Chemistry

Three soil vapor probes (GP-4, GP-6, and GP-6 Duplicate 2) and one sub-slab vapor probe (GP-7) were installed and four vapor samples were collected for chemical analysis. The GP-4 soil vapor sample was collected from 13.5 feet bgs. The GP-6 and GP-6 Duplicate 2 soil vapor samples were collected from 13 feet bgs. GP-7 sub-slab vapor sample was collected from 1 foot bgs. Results for soil vapor chemistry are reported in micrograms per cubic meter ($\mu g/m^3$).

Volatile Organic Compounds

Twenty-two VOCs were detected in soil vapor, including 1,1,1-trichloroethane (1,1,1-TCA)(max. 690 $\mu g/m^3$), 1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113) (max. 1.3 $\mu g/m^3$), 1,2,4-trimethylbenzene (max. 6.1 $\mu g/m^3$), 1,3,5-trimethylbenzene (max. 1.5 $\mu g/m^3$), 2-butanone (max. 25 $\mu g/m^3$), acetone (max. 100 $\mu g/m^3$), benzene (max. 4.7 $\mu g/m^3$), carbon disulfide (max. 1.7 $\mu g/m^3$), chloroform (max. 12 $\mu g/m^3$), cyclohexane (max. 1.9 $\mu g/m^3$), dichlorodifluoromethane (max. 2.5 $\mu g/m^3$), ethyl benzene (max. 3.2 $\mu g/m^3$), methylene chloride (max. 9 $\mu g/m^3$), n-heptane (max. 1.9 $\mu g/m^3$), n-hexane (max. 5.6 $\mu g/m^3$), o-xylene (max. 4.8 $\mu g/m^3$), p- & m- xylenes (max. 15 $\mu g/m^3$), p-ethyltoluene (max. 5.9 $\mu g/m^3$), propylene (max. 120 $\mu g/m^3$), tetrachloroethylene (PCE)(max. 37 $\mu g/m^3$), toluene (max. 21 $\mu g/m^3$), and trichlorofluoromethane (Freon 11) (max. 1.8 $\mu g/m^3$).

Most of these VOCs were detected solely in the GP-7 sub-slab soil vapor sample. However, the following VOCs were detected in more than one vapor sample: 1,1,1-TCA ranged from 6.8 $\mu g/m^3$ in GP-7 to 690 µg/m3 in GP-4, 2-butanone ranged from 3.7 $\mu g/m^3$ in GP-7 to 25 µg/m3 in GP-6, acetone ranged from 21 $\mu g/m^3$ in GP-6 Duplicate 2 to 100 µg/m3 in GP-6, chloroform ranged from 5.7 $\mu g/m^3$ in GP-7 to 12 µg/m3 in GP-4, propylene ranged from 2.4 $\mu g/m^3$ in GP-7

to 120 µg/m3 in GP-6, PCE ranged from non-detect in GP-6 Duplicate 2 to 37 µg/m3 in GP-7, and toluene ranged from 11 µg/m^3 in GP-6 Duplicate 2 to 21 µg/m3 in GP-4.

Since no VOCs were detected in soil samples collected during this RI, and no exceedances of NYS TOGS AQWS were detected in groundwater samples collected during the previous 2013 limited investigation, the source of these VOC concentrations in soil vapor and sub-slab soil vapor are not believed to originate from the Site. While the source of these vapor phase contaminants is unknown, they may be related to the former and continued industrial use of surrounding properties.

Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site. A summary table of data for chemical analyses performed on soil vapor samples is included in Table 1b and detected compounds are reported in Table 3.

Figure 7 shows the location and posts the values for soil vapor samples with detected concentrations.

5.5 Prior Activity

Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at this site.

5.6 Impediments to Remedial Action

There are no known impediments to remedial action at this property.

Figures

SOURCE: USA TOPO MAPS - COPYRIGHT © 2013 NATIONAL GEOGRAPHIC SOCIETY, I-CUBED.
BROOKLYN (1995), NEW YORK 7.5-MINUTE QUADRANGLE.

SCALE: 1 " = 500 '

0 250 500 1,000'

N

Liberty Environmental, Inc.

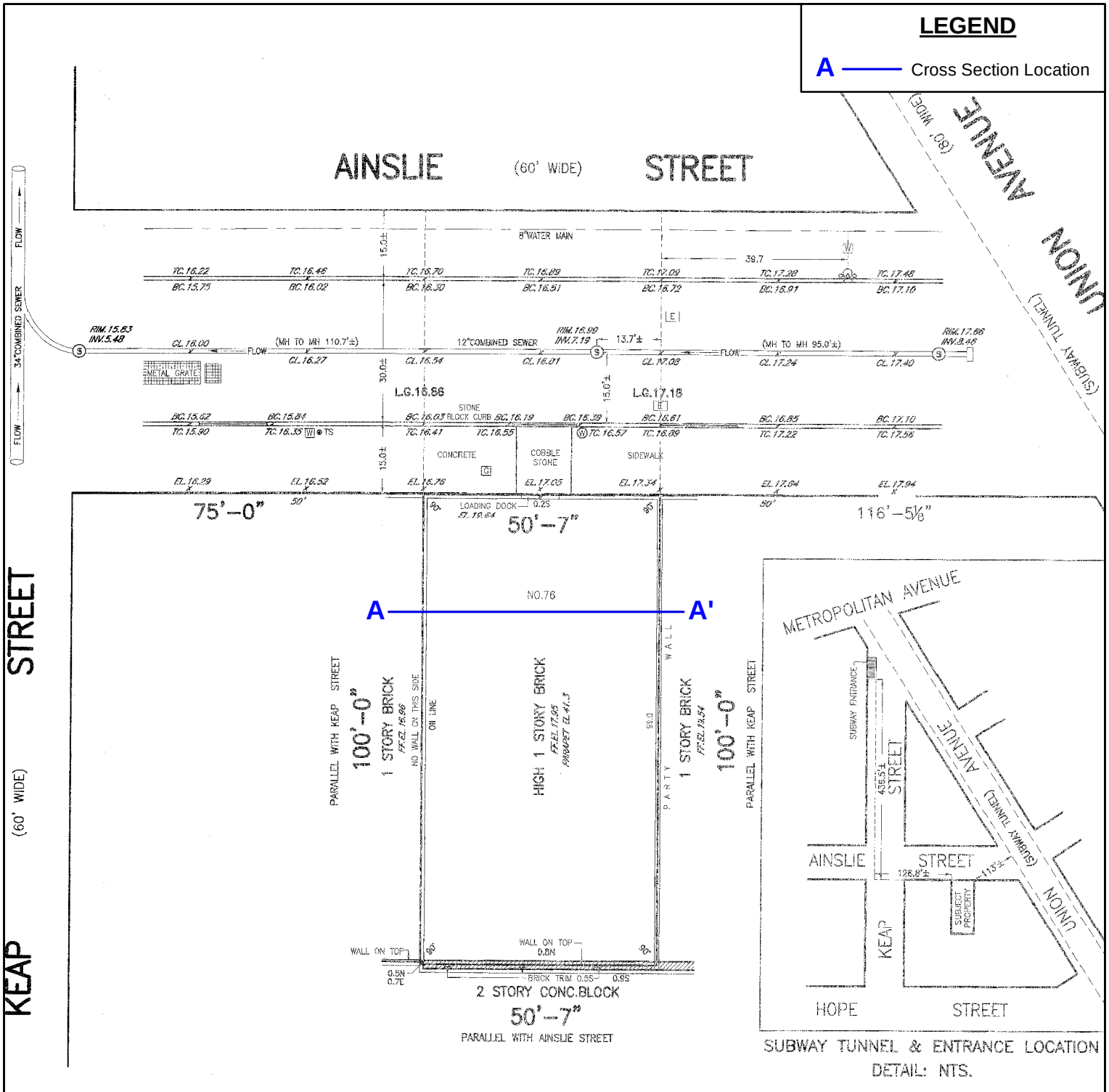
131 Varick St. Suite 1022
New York, NY 10013
Phone: 800-305-6019
www.libertyenviro.com

Figure 1 - Site Location Map

76 Ainslie Street

Borough of Brooklyn, City of New York, New York

PROJECT NO.: 123456	REV: 0	PREPARED BY: EMC
DATE: FEBRUARY 2, 2016	SCALE: 1" = 500'	APPROVED BY: JPC



NOTE: THIS DRAWING INTENDED FOR ILLUSTRATIVE PURPOSES ONLY, AS PART OF A SITE CHARACTERIZATION. NOT TO BE USED AS A BASIS FOR ENGINEERING OR DESIGN.
NOTE: DRAWING AFTER JOSEPH NICOLETTI ASSOCIATES' *ARCHITECTURAL SURVEY,* DATED JANUARY 9, 2014.

SCALE: 1" = 30'

0 15 30 60'

N

Liberty Environmental, Inc.

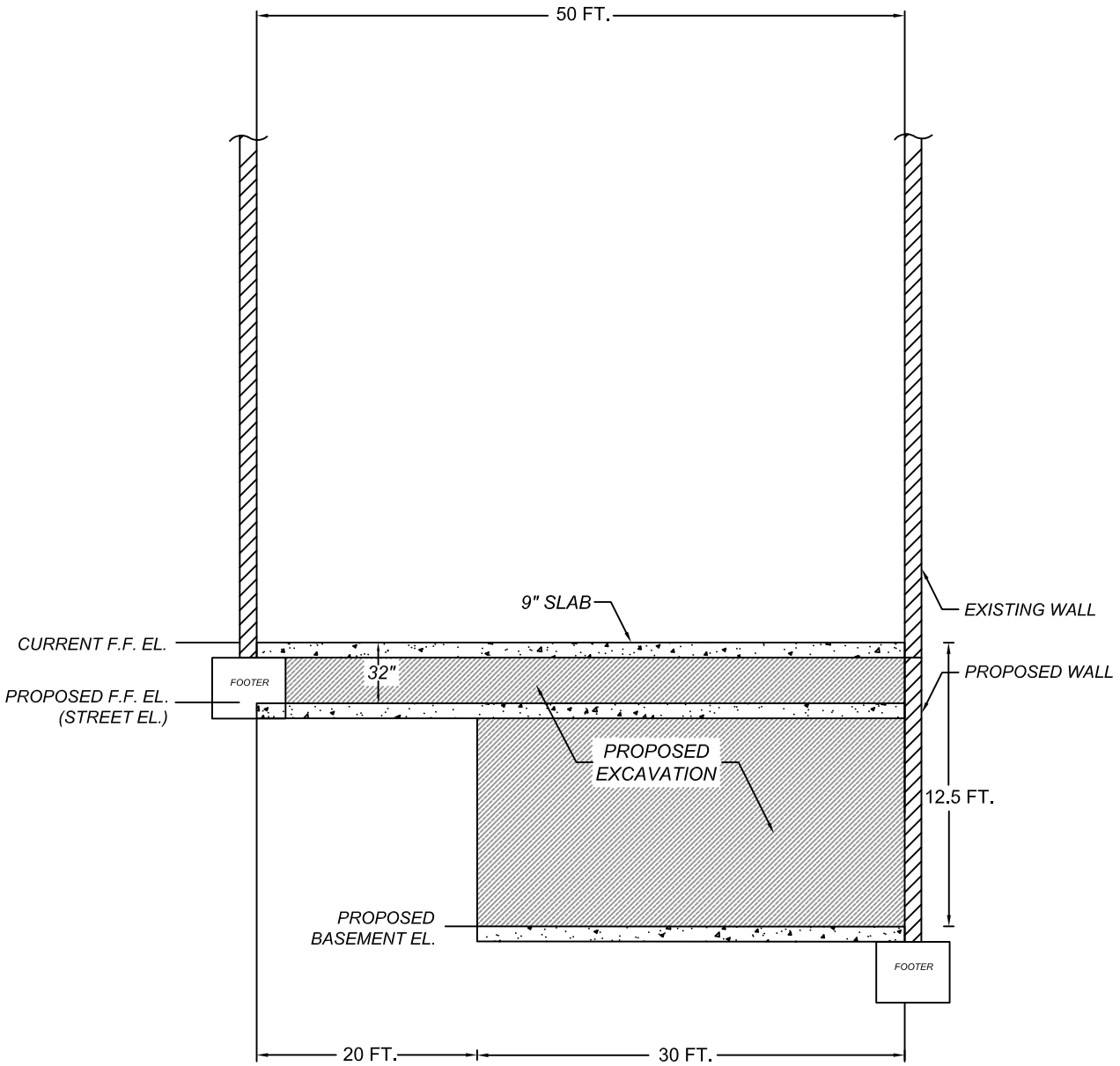
131 Varick St. Suite 1022
New York, NY 10013
Phone: 800-305-6019
www.libertyenviro.com

Figure 2 - Site Diagram

76 Ainslie Street
Borough of Brooklyn, City of New York, New York

PROJECT NO.: 160020	REV: 0	PREPARED BY: EMC
DATE: JANUARY 13, 2016	SCALE: 1" = 30'	APPROVED BY: JPC

SECTION A-A'



NOTE:
THIS DRAWING IS A CONCEPTUAL DIAGRAM INTENDED TO DEPICT THE EXCAVATION AREA ONLY.
STRUCTURAL FEATURES SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY, AND DO NO REFLECT ACTUAL SITE CONDITIONS.

Liberty Environmental, Inc.
131 Varick Street, Suite 1022
New York, NY 10013
Phone: 212-255-0374
Fax: 212-242-3897
www.libertyenviro.com

Figure 3 - Proposed Development Cross-Section

76 Ainslie Street
Brooklyn, Kings County, New York

PROJECT NO.: 160020	REV: 0	PREPARED BY: JPB
DATE: JANUARY 13, 2016	SCALE: NONE	APPROVED BY: JPC

NOTE: THIS DRAWING INTENDED FOR ILLUSTRATIVE PURPOSES ONLY, AS PART OF A SITE CHARACTERIZATION.
NOT TO BE USED AS A BASIS FOR ENGINEERING OR DESIGN.
AERIAL IMAGE: ESRI, MICROSOFT. PHOTO DATE: MARCH 19, 2011.
LOT LINES: (SHOWN IN WHITE) NEW YORK CITY DEPT. OF FINANCE *DIGITAL TAX MAP* DATASET.

SCALE: 1 " = 150 '

0 75 150 300'

N

Liberty Environmental, Inc.

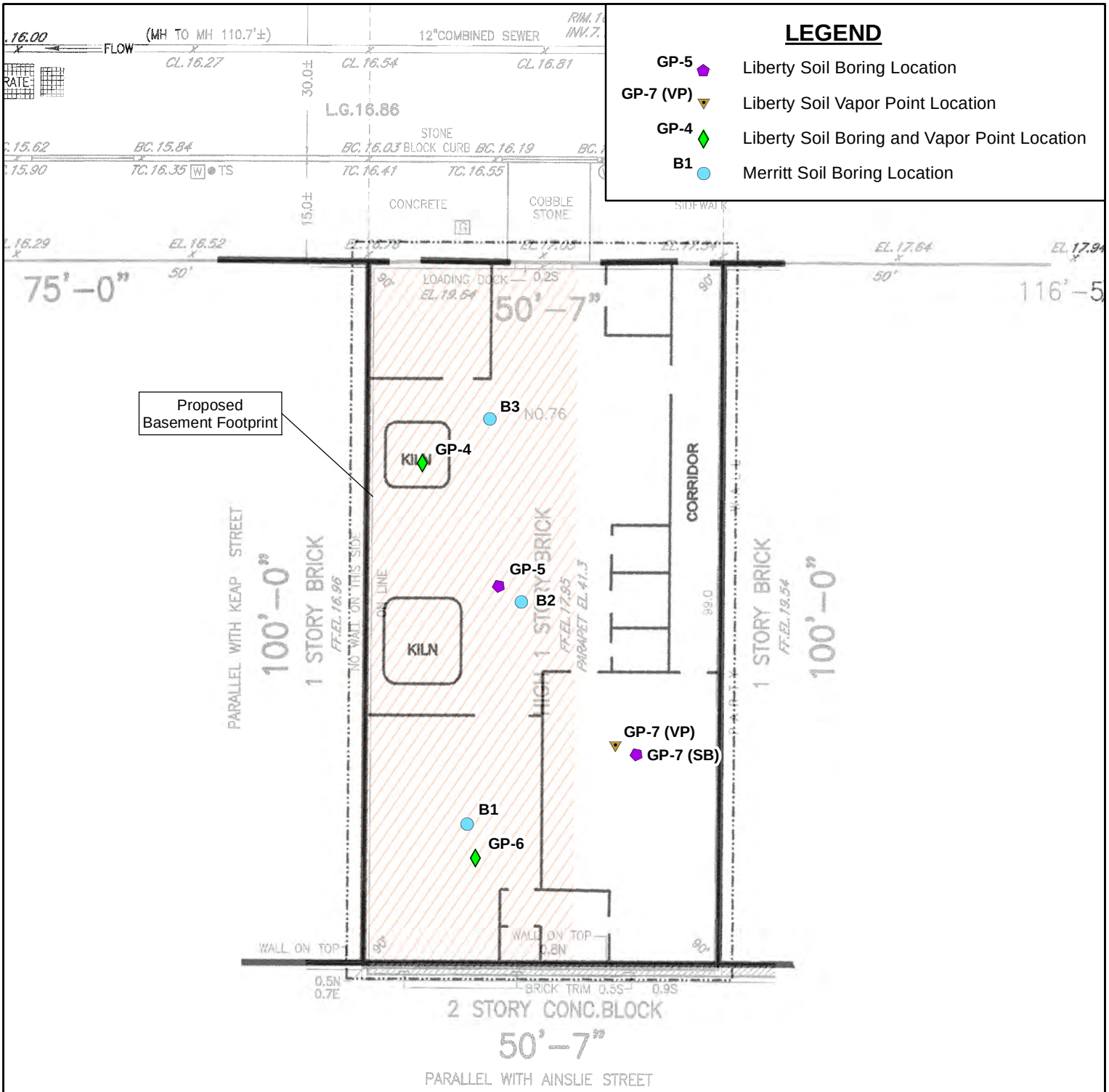
Figure 4 - Area Map

76 Ainslie Street

Borough of Brooklyn, City of New York, New York

131 Varick St. Suite 1022
New York, NY 10013
Phone: 800-305-6019
www.libertyenviro.com

PROJECT NO.: 160020	REV: 0	PREPARED BY: EMC
DATE: FEBRUARY 5, 2016	SCALE: 1" = 150'	APPROVED BY: JPC



NOTE: THIS DRAWING INTENDED FOR ILLUSTRATIVE PURPOSES ONLY, AS PART OF A SITE CHARACTERIZATION. NOT TO BE USED AS A BASIS FOR ENGINEERING OR DESIGN.
NOTE: DRAWING AFTER JOSEPH NICOLETTI ASSOCIATES' *ARCHITECTURAL SURVEY,* DATED JANUARY 9, 2014 AND MERRITT ENVIRONMENTAL CONSULTING CORP.'S *SITE SKETCH*.

SCALE: 1 " = 20 '

0 10 20 40'

N

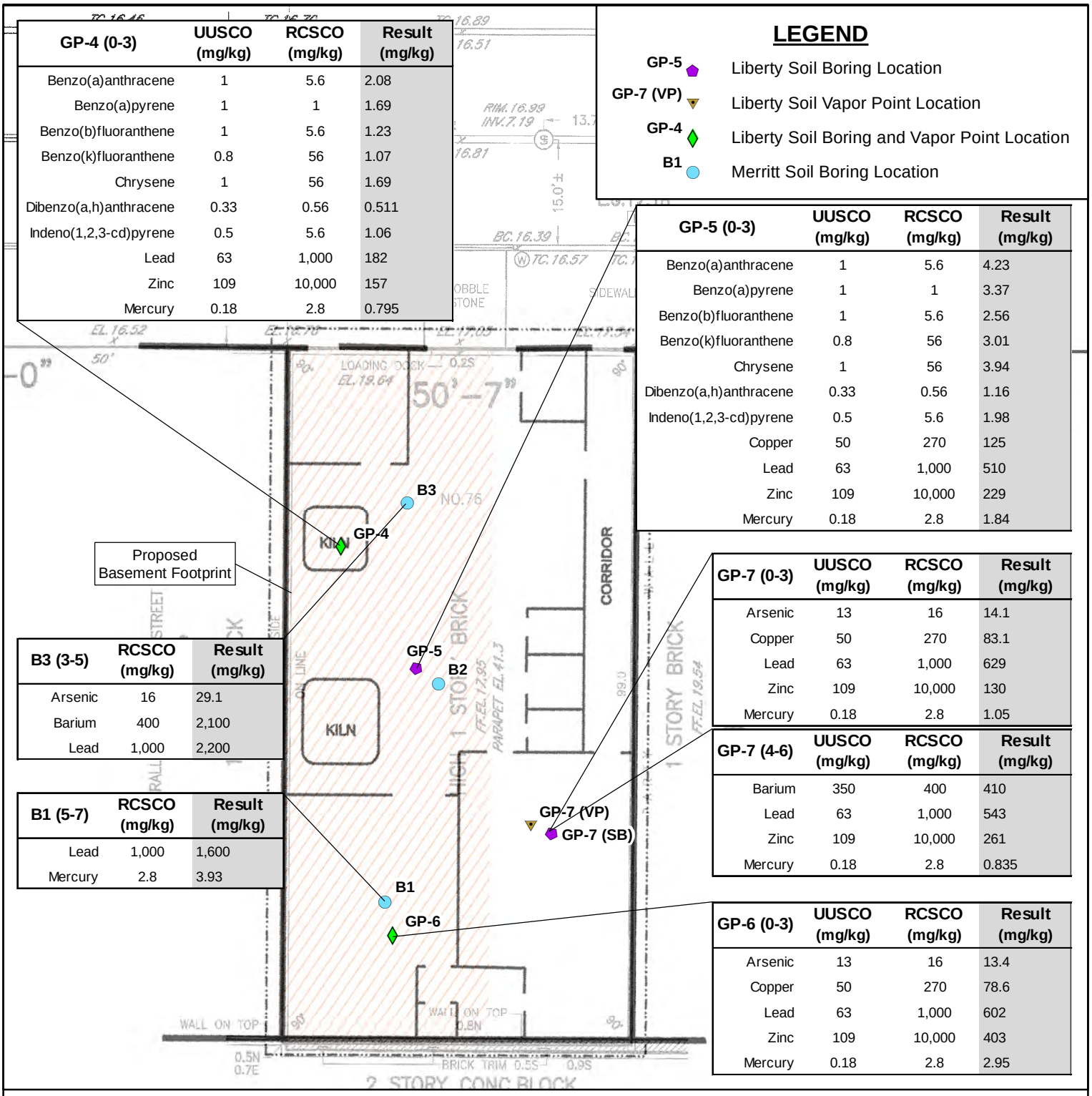
Liberty Environmental, Inc.

131 Varick St. Suite 1022
New York, NY 10013
Phone: 800-305-6019
www.libertyenviro.com

Figure 5 - Sampling Locations

76 Ainslie Street
Borough of Brooklyn, City of New York, New York

PROJECT NO.: 160020	REV: 0	PREPARED BY: EMC
DATE: FEBRUARY 15, 2016	SCALE: 1" = 20'	APPROVED BY: JPC



GP-4 (0-3)	UUSCO (mg/kg)	RCSCO (mg/kg)	Result (mg/kg)
Benzo(a)anthracene	1	5.6	2.08
Benzo(a)pyrene	1	1	1.69
Benzo(b)fluoranthene	1	5.6	1.23
Benzo(k)fluoranthene	0.8	56	1.07
Chrysene	1	56	1.69
Dibenzo(a,h)anthracene	0.33	0.56	0.511
Indeno(1,2,3-cd)pyrene	0.5	5.6	1.06
Lead	63	1,000	182
Zinc	109	10,000	157
Mercury	0.18	2.8	0.795

GP-5 (0-3)	UUSCO (mg/kg)	RCSCO (mg/kg)	Result (mg/kg)
Benzo(a)anthracene	1	5.6	4.23
Benzo(a)pyrene	1	1	3.37
Benzo(b)fluoranthene	1	5.6	2.56
Benzo(k)fluoranthene	0.8	56	3.01
Chrysene	1	56	3.94
Dibenzo(a,h)anthracene	0.33	0.56	1.16
Indeno(1,2,3-cd)pyrene	0.5	5.6	1.98
Copper	50	270	125
Lead	63	1,000	510
Zinc	109	10,000	229
Mercury	0.18	2.8	1.84

GP-7 (0-3)	UUSCO (mg/kg)	RCSCO (mg/kg)	Result (mg/kg)
Arsenic	13	16	14.1
Copper	50	270	83.1
Lead	63	1,000	629
Zinc	109	10,000	130
Mercury	0.18	2.8	1.05

GP-7 (4-6)	UUSCO (mg/kg)	RCSCO (mg/kg)	Result (mg/kg)
Barium	350	400	410
Lead	63	1,000	543
Zinc	109	10,000	261
Mercury	0.18	2.8	0.835

GP-6 (0-3)	UUSCO (mg/kg)	RCSCO (mg/kg)	Result (mg/kg)
Arsenic	13	16	13.4
Copper	50	270	78.6
Lead	63	1,000	602
Zinc	109	10,000	403
Mercury	0.18	2.8	2.95

B3 (3-5)	RCSCO (mg/kg)	Result (mg/kg)
Arsenic	16	29.1
Barium	400	2,100
Lead	1,000	2,200

B1 (5-7)	RCSCO (mg/kg)	Result (mg/kg)
Lead	1,000	1,600
Mercury	2.8	3.93

NOTE: THIS DRAWING INTENDED FOR ILLUSTRATIVE PURPOSES ONLY, AS PART OF A SITE CHARACTERIZATION. NOT TO BE USED AS A BASIS FOR ENGINEERING OR DESIGN.
NOTE: DRAWING AFTER JOSEPH NICOLETTI ASSOCIATES' *ARCHITECTURAL SURVEY,* DATED JANUARY 9, 2014 AND MERRITT ENVIRONMENTAL CONSULTING CORP.'S *SITE SKETCH*.

SCALE: 1" = 20'
0 10 20 40'

N

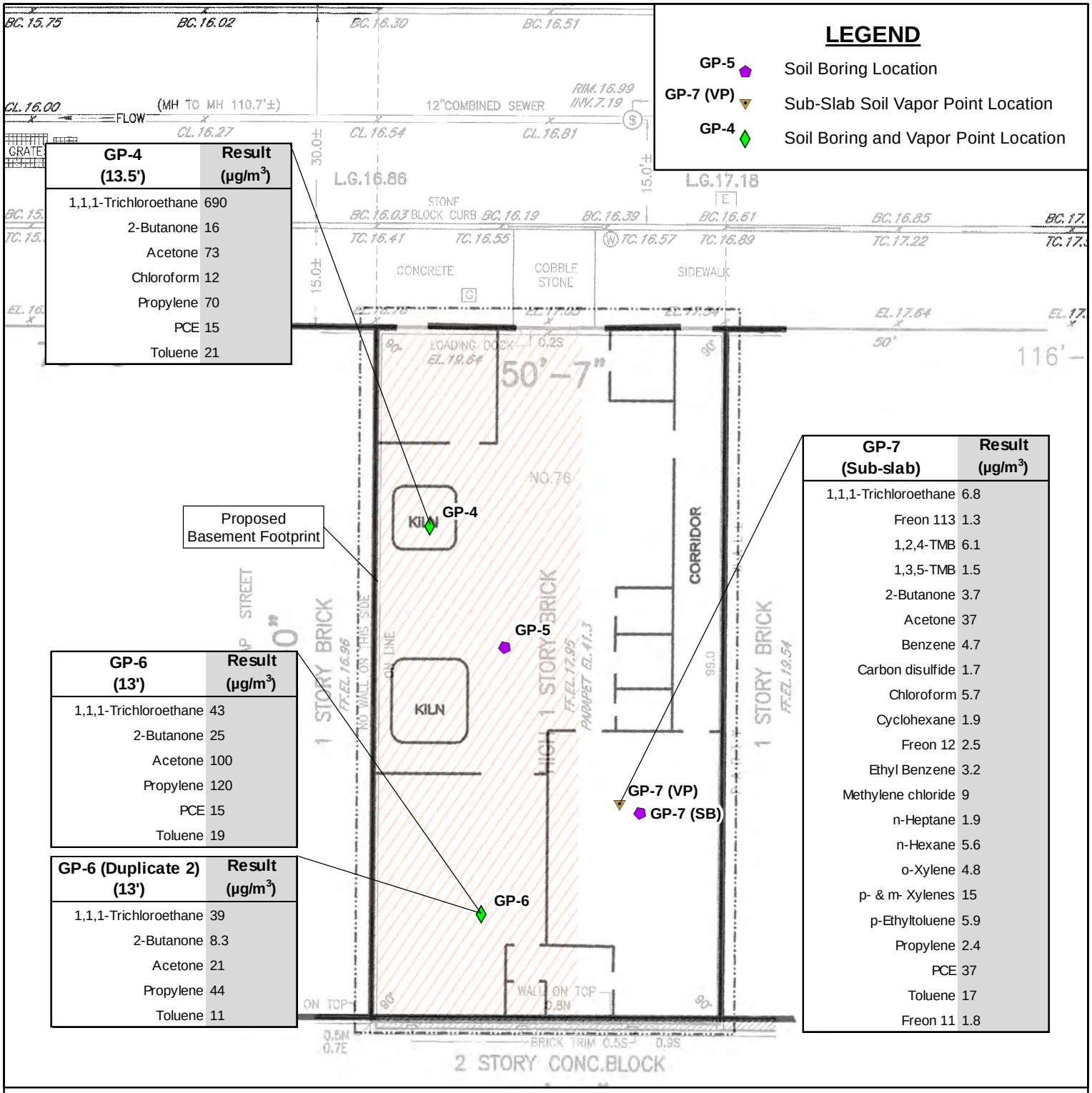
Liberty Environmental, Inc.

Figure 6 - Map of Soil Chemistry Results

76 Ainslie Street
Borough of Brooklyn, City of New York, New York

131 Varick St. Suite 1022
New York, NY 10013
Phone: 800-305-6019
www.libertyenviro.com

PROJECT NO.: 160020	REV: 0	PREPARED BY: EMC
DATE: FEBRUARY 15, 2016	SCALE: 1" = 20'	APPROVED BY: JPC



GP-4 (13.5')	Result (µg/m³)
1,1,1-Trichloroethane	690
2-Butanone	16
Acetone	73
Chloroform	12
Propylene	70
PCE	15
Toluene	21

GP-6 (13')	Result (µg/m³)
1,1,1-Trichloroethane	43
2-Butanone	25
Acetone	100
Propylene	120
PCE	15
Toluene	19

GP-6 (Duplicate 2) (13')	Result (µg/m³)
1,1,1-Trichloroethane	39
2-Butanone	8.3
Acetone	21
Propylene	44
Toluene	11

GP-7 (Sub-slab)	Result (µg/m³)
1,1,1-Trichloroethane	6.8
Freon 113	1.3
1,2,4-TMB	6.1
1,3,5-TMB	1.5
2-Butanone	3.7
Acetone	37
Benzene	4.7
Carbon disulfide	1.7
Chloroform	5.7
Cyclohexane	1.9
Freon 12	2.5
Ethyl Benzene	3.2
Methylene chloride	9
n-Heptane	1.9
n-Hexane	5.6
o-Xylene	4.8
p- & m- Xylenes	15
p-Ethyltoluene	5.9
Propylene	2.4
PCE	37
Toluene	17
Freon 11	1.8

NOTE: THIS DRAWING INTENDED FOR ILLUSTRATIVE PURPOSES ONLY, AS PART OF A SITE CHARACTERIZATION. NOT TO BE USED AS A BASIS FOR ENGINEERING OR DESIGN.
NOTE: DRAWING AFTER JOSEPH NICOLETTI ASSOCIATES' *ARCHITECTURAL SURVEY,* DATED JANUARY 9, 2014 AND MERRITT ENVIRONMENTAL CONSULTING CORP.'S *SITE SKETCH*.

SCALE: 1 " = 20 '
0 10 20 40'

N

Liberty Environmental, Inc.

Figure 7 - Map of Soil Vapor Chemistry Results

76 Ainslie Street
Borough of Brooklyn, City of New York, New York

131 Varick St. Suite 1022
New York, NY 10013
Phone: 800-305-6019
www.libertyenviro.com

PROJECT NO.: 160020	REV: 0	PREPARED BY: EMC
DATE: FEBRUARY 12, 2016	SCALE: 1" = 20'	APPROVED BY: JPC

Tables

Table 1a
Soil Analytical Data Summary
76 Ainslie Street, Brooklyn, New York
OER Project No. 16EHAZ222K
Liberty Project No. 160020

Sample ID		GP-4 (0-3)		GP-4 (13-15)		GP-4WC		GP-4WC (3)		GP-4WC (6)		GP-4WC (12)		GP-6WC (9)		GP-6WC (12)		GP-6WC (6)		GP-6WC (2)		GP-7WC (3)		GP-6 (0-3)		GP-6 (13-15)		GP-6WC		GP-7 (0-3)		GP-7 (4-6)		GP-5WC (12)		GP-5WC (2)		GP-5WC (6)		GP-5 (0-3)		GP-5WC		GP-5 (13-15)		GP-5WC (9)	
York ID		**16A0628-01**		**16A0628-02**		**16A0628-03**		**16A0628-04**		**16A0628-05**		**16A0628-06**		**16A0689-01**		**16A0689-02**		**16A0689-03**		**16A0689-04**		**16A0689-05**		**16A0689-06**		**16A0689-07**		**16A0689-08**		**16A0689-09**		**16A0689-10**		**16A0689-11**		**16A0689-12**		**16A0689-13**		**16A0689-14**		**16A0689-15**		**16A0689-16**		**16A0689-17**	
Sampling Date		**21/2016 10:02:00 A**		**1/2016 11:32:00**		**21/2016 11:03:00 A**		**1/2016 10:13:00**		**1/2016 10:53:00**		**1/2016 10:56:00**		**21/2016 3:33:00 P**		**21/2016 3:47:00 P**		**21/2016 3:25:00 P**		**21/2016 3:21:00 P**		**2/2016 12:40:00 P**		**21/2016 3:07:00 P**		**21/2016 4:03:00 P**		**21/2016 4:16:00 P**		**22/2016 12:28:00**		**22/2016 12:46:00**		**22/2016 3:31:00 P**		**22/2016 2:47:00 P**		**22/2016 3:35:00 P**		**22/2016 2:37:00 P**		**22/2016 3:46:00 P**		**22/2016 3:42:00 P**		**22/2016 3:13:00 P**	
Client Matrix		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Compound	**CAS Number**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		mg/kg		mg/kg		mg/kg																		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg								mg/kg		mg/kg		mg/kg			
Dilution Factor		1		1		1																		1		1		1		1		1								1		1		1			
1,1,1,2-Tetrachloroethane	630-20-6	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
1,1,1-Trichloroethane	71-55-6	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
1,1,2,2-Tetrachloroethane	79-34-5	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	76-13-1	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
1,1,2-Trichloroethane	79-00-5	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
1,1-Dichloroethane	75-34-3	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
1,1-Dichloroethylene	75-35-4	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
1,2,3-Trichlorobenzene	87-61-6	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
1,2,3-Trichloropropane	96-18-4	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
1,2,4-Trichlorobenzene	120-82-1	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
1,2,4-Trimethylbenzene	95-63-6	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
1,2-Dibromo-3-chloropropane	96-12-8	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
1,2-Dibromoethane	106-93-4	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
1,2-Dichlorobenzene	95-50-1	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
1,2-Dichloroethane	107-06-2	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
1,2-Dichloropropane	78-87-5	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
1,3,5-Trimethylbenzene	108-67-8	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
1,3-Dichlorobenzene	541-73-1	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
1,4-Dichlorobenzene	106-46-7	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
1,4-Dioxane	123-91-1	0.045	U	0.045	U	0.052	U	NT		NT		NT		NT		NT		NT		NT		NT		0.055	U	0.043	U	0.062	U	0.048	U	0.044	U	NT		NT		NT		0.054	U	0.046	U	0.044	U	NT	
2-Butanone	78-93-3	0.0022	U	0.0023	U	0.0036	J	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
2-Hexanone	591-78-6	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
4-Methyl-2-pentanone	108-10-1	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Acetone	67-64-1	0.0045	U	0.0045	U	0.010	J	NT		NT		NT		NT		NT		NT		NT		NT		0.0055	U	0.0043	U	0.0078	J	0.0048	U	0.0044	U	NT		NT		NT		0.0054	U	0.0046	U	0.0044	U	NT	
Acrolein	107-02-8	0.0045	U	0.0045	U	0.0052	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0055	U	0.0043	U	0.0062	U	0.0048	U	0.0044	U	NT		NT		NT		0.0054	U	0.0046	U	0.0044	U	NT	
Acrylonitrile	107-13-1	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Benzene	71-43-2	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Bromochloromethane	74-97-5	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Bromodichloromethane	75-27-4	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Bromoform	75-25-2	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Bromomethane	74-83-9	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Carbon disulfide	75-15-0	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Carbon tetrachloride	56-23-5	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Chlorobenzene	108-90-7	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Chloroethane	75-00-3	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Chloroform	67-66-3	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Chloromethane	74-87-3	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
cis-1,2-Dichloroethylene	156-59-2	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
cis-1,3-Dichloropropylene	10061-01-5	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Cyclohexane	110-82-7	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Dibromochloromethane	124-48-1	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Dibromomethane	74-95-3	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Dichlorodifluoromethane	75-71-8	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Ethyl Benzene	100-41-4	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Hexachlorobutadiene	87-68-3	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Isopropylbenzene	98-82-8	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Methyl acetate	79-20-9	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Methyl tert-butyl ether (MTBE)	1634-04-4	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Methylcyclohexane	108-87-2	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Methylene chloride	75-09-2	0.0045	U	0.0045	U	0.0052	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0055	U	0.0043	U	0.0062	U	0.0048	U	0.0044	U	NT		NT		NT		0.0054	U	0.0046	U	0.0044	U	NT	
n-Butylbenzene	104-51-8	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
n-Propylbenzene	103-65-1	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
o-Xylene	95-47-6	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
p- & m- Xylenes	179601-23-1	0.0045	U	0.0045	U	0.0052	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0055	U	0.0043	U	0.0062	U	0.0048	U	0.0044	U	NT		NT		NT		0.0054	U	0.0046	U	0.0044	U	NT	
p-Isopropyltoluene	99-87-6	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
sec-Butylbenzene	135-98-8	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Styrene	100-42-5	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
tert-Butyl alcohol (TBA)	75-65-0	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0055	U	0.0043	U	0.0062	U	0.0048	U	0.0044	U	NT		NT		NT		0.0054	U	0.0046	U	0.0044	U	NT	
tert-Butylbenzene	98-06-6	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Tetrachloroethylene	127-18-4	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0045	J	0.0023	U	0.0022	U	NT	
Toluene	108-88-3	0.0022	U	0.0023	U	0.0030	J	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
trans-1,2-Dichloroethylene	156-60-5	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
trans-1,3-Dichloropropylene	10061-02-6	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Trichloroethylene	79-01-6	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Trichlorofluoromethane	75-69-4	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Vinyl Chloride	75-01-4	0.0022	U	0.0023	U	0.0026	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0027	U	0.0022	U	0.0031	U	0.0024	U	0.0022	U	NT		NT		NT		0.0027	U	0.0023	U	0.0022	U	NT	
Xylenes, Total	1330-20-7	0.0067	U	0.0068	U	0.0078	U	NT		NT		NT		NT		NT		NT		NT		NT		0.0082	U	0.0065	U	0.0094	U	0.0072	U	0.0066	U	NT		NT		NT		0.0081	U	0.0069	U	0.0067	U	NT	

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimatec
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
NT=this indicates the analyte was not a target for this sample

Table 1a
Soil Analytical Data Summary
76 Ainslie Street, Brooklyn, New York
OER Project No. 16EHAZ222K

Sample ID		GP-4 (0-3)		GP-4 (13-15)		GP-4WC		GP-4WC (3)		GP-4WC (6)		GP-4WC (12)		GP-6WC (9)		GP-6WC (12)		GP-6WC (6)		GP-6WC (2)		GP-7WC (3)		GP-6 (0-3)		GP-6 (13-15)		GP-6WC		GP-7 (0-3)		GP-7 (4-6)		GP-5WC (12)		GP-5WC (2)		GP-5WC (6)		GP-5 (0-3)		GP-5WC		GP-5 (13-15)		GP-5WC (9)	
York ID		16A0628-01		16A0628-02		16A0628-03		16A0628-04		16A0628-05		16A0628-06		16A0689-01		16A0689-02		16A0689-03		16A0689-04		16A0689-05		16A0689-06		16A0689-07		16A0689-08		16A0689-09		16A0689-10		16A0689-11		16A0689-12		16A0689-13		16A0689-14		16A0689-15		16A0689-16		16A0689-17	
Sampling Date		21/2016 10:02:00 A		1/2016 11:32:00		21/2016 11:03:00 A		1/2016 10:13:00		1/2016 10:53:00		1/2016 10:56:00		21/2016 3:33:00 P		21/2016 3:47:00 P		21/2016 3:25:00 P		21/2016 3:21:00 P		2/2016 12:40:00 P		21/2016 3:07:00 P		21/2016 4:03:00 P		21/2016 4:16:00 P		22/2016 12:28:00 P		22/2016 12:46:00 P		22/2016 3:31:00 P		22/2016 2:47:00 P		22/2016 3:35:00 P		22/2016 2:37:00 P		22/2016 3:46:00 P		22/2016 3:42:00 P		22/2016 3:13:00 P	
Client Matrix		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Semi-Volatiles, 8270 - Comprehensive		mg/kg		mg/kg		mg/kg																		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg								mg/kg		mg/kg		mg/kg			
Dilution Factor		2		2		2																		2		2		5		2		2								5		2		2			
1,1'-Biphenyl	92-52-4	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
1,2,4,5-Tetrachlorobenzene	95-94-3	0.094	U	0.096	U	0.094	U	NT		NT		NT		NT		NT		NT		NT		NT		0.093	U	0.097	U	0.093	U	0.091	U	0.095	U	NT		NT		NT		0.23	U	0.095	U	0.097	U	NT	
1,2,4-Trichlorobenzene	120-82-1	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
1,2-Dichlorobenzene	95-50-1	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
1,3-Dichlorobenzene	541-73-1	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
1,4-Dichlorobenzene	106-46-7	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
2,3,4,6-Tetrachlorophenol	58-90-2	0.094	U	0.096	U	0.094	U	NT		NT		NT		NT		NT		NT		NT		NT		0.093	U	0.097	U	0.093	U	0.091	U	0.095	U	NT		NT		NT		0.23	U	0.095	U	0.097	U	NT	
2,4,5-Trichlorophenol	95-95-4	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
2,4,6-Trichlorophenol	88-06-2	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
2,4-Dichlorophenol	120-83-2	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
2,4-Dimethylphenol	105-67-9	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
2,4-Dinitrophenol	51-28-5	0.094	U	0.096	U	0.094	U	NT		NT		NT		NT		NT		NT		NT		NT		0.093	U	0.097	U	0.093	U	0.091	U	0.095	U	NT		NT		NT		0.23	U	0.095	U	0.097	U	NT	
2,4-Dinitrotoluene	121-14-2	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
2,6-Dinitrotoluene	606-20-2	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
2-Chloronaphthalene	91-58-7	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
2-Chlorophenol	95-57-8	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
2-Methylnaphthalene	91-57-6	0.073	JD	0.048	U	0.056	JD	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.092	JD	0.046	U	0.048	U	NT		NT		NT		0.16	JD	0.047	U	0.049	U	NT	
2-Methylphenol	95-48-7	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
2-Nitroaniline	88-74-4	0.094	U	0.096	U	0.094	U	NT		NT		NT		NT		NT		NT		NT		NT		0.093	U	0.097	U	0.093	U	0.091	U	0.095	U	NT		NT		NT		0.23	U	0.095	U	0.097	U	NT	
2-Nitrophenol	88-75-5	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
3- & 4-Methylphenols	65794-96-9	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
3,3'-Dichlorobenzidine	91-94-1	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.060	JD	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.054	JD	0.049	U	NT	
3-Nitroaniline	99-09-2	0.094	U	0.096	U	0.094	U	NT		NT		NT		NT		NT		NT		NT		NT		0.093	U	0.097	U	0.093	U	0.091	U	0.095	U	NT		NT		NT		0.23	U	0.095	U	0.097	U	NT	
4,6-Dinitro-2-methylphenol	534-52-1	0.094	U	0.096	U	0.094	U	NT		NT		NT		NT		NT		NT		NT		NT		0.093	U	0.097	U	0.093	U	0.091	U	0.095	U	NT		NT		NT		0.23	U	0.095	U	0.097	U	NT	
4-Bromophenyl phenyl ether	101-55-3	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
4-Chloro-3-methylphenol	59-50-7	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
4-Chloroaniline	106-47-8	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
4-Chlorophenyl phenyl ether	7005-72-3	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
4-Nitroaniline	100-01-6	0.094	U	0.096	U	0.094	U	NT		NT		NT		NT		NT		NT		NT		NT		0.093	U	0.097	U	0.093	U	0.091	U	0.095	U	NT		NT		NT		0.23	U	0.095	U	0.097	U	NT	
4-Nitrophenol	100-02-7	0.094	U	0.096	U	0.094	U	NT		NT		NT		NT		NT		NT		NT		NT		0.093	U	0.097	U	0.093	U	0.091	U	0.095	U	NT		NT		NT		0.23	U	0.095	U	0.097	U	NT	
Acenaphthene	83-32-9	0.32	D	0.048	U	0.11	D	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.20	D	0.046	U	0.048	U	NT		NT		NT		0.57	D	0.14	D	0.049	U	NT	
Acenaphthylene	208-96-8	0.082	JD	0.048	U	0.076	JD	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.078	JD	0.046	U	0.048	U	NT		NT		NT		0.16	JD	0.047	U	0.049	U	NT	
Acetophenone	98-86-2	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Aniline	62-53-3	0.19	U	0.19	U	0.19	U	NT		NT		NT		NT		NT		NT		NT		NT		0.19	U	0.19	U	0.19	U	0.18	U	0.19	U	NT		NT		NT		0.46	U	0.19	U	0.20	U	NT	
Anthracene	120-12-7	0.81	D	0.048	U	0.30	D	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.47	D	0.075	JD	0.065	JD	NT		NT		NT		1.07	D	0.30	D	0.049	U	NT	
Atrazine	1912-24-9	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Benzaldehyde	100-52-7	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Benzidine	92-87-5	0.19	U	0.19	U	0.19	U	NT		NT		NT		NT		NT		NT		NT		NT		0.19	U	0.19	U	0.19	U	0.18	U	0.19	U	NT		NT		NT		0.46	U	0.19	U	0.20	U	NT	
Benzo(a)anthracene	56-55-3	2.08	D	0.048	U	0.56	D	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	1.63	D	0.32	D	0.23	D	NT		NT		NT		4.23	D	1.27	D	0.049	U	NT	
Benzo(a)pyrene	50-32-8	1.69	D	0.048	U	0.35	D	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	1.08	D	0.21	D	0.18	D	NT		NT		NT		3.37	D	0.72	D	0.049	U	NT	
Benzo(b)fluoranthene	205-99-2	1.23	D	0.048	U	0.35	D	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	1.08	D	0.22	D	0.16	D	NT		NT		NT		2.56	D	0.57	D	0.049	U	NT	
Benzo(g,h,i)perylene	191-24-2	1.13	D	0.048	U	0.28	D	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.35	D	0.091	JD	0.078	JD	NT		NT		NT		2.52	D	0.27	D	0.049	U	NT	
Benzo(k)fluoranthene	207-08-9	1.07	D	0.048	U	0.31	D	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	1.13	D	0.27	D	0.18	D	NT		NT		NT		3.01	D	0.62	D	0.049	U	NT	
Benzoic acid	65-85-0	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Benzyl alcohol	100-51-6	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Benzyl butyl phthalate	85-68-7	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Bis(2-chloroethoxy)methane	111-91-1	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Bis(2-chloroethyl)ether	111-44-4	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Bis(2-chloroisopropyl)ether	108-60-1	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Bis(2-ethylhexyl)phthalate	117-81-7	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.11	D	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Caprolactam	105-60-2	0.094	U	0.096	U	0.094	U	NT		NT		NT		NT		NT		NT		NT		NT		0.093	U	0.097	U	0.093	U	0.091	U	0.095	U	NT		NT		NT		0.23	U	0.095	U	0.097	U	NT	
Carbazole	86-74-8	0.29	D	0.048	U	0.12	D	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.22	D	0.046	U	0.048	U	NT		NT		NT		0.35	D	0.11	D	0.049	U	NT	
Chrysene	218-01-9	1.69	D	0.048	U	0.51	D	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	1.72	D	0.44	D	0.27	D	NT		NT		NT		3.94	D	1.46	D	0.049	U	NT	
Dibenzo(a,h)anthracene	53-70-3	0.51	D	0.048	U	0.12	D	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.18	D	0.046	U	0.048	U	NT		NT		NT		1.16	D	0.14	D	0.049	U	NT	
Dibenzofuran	132-64-9	0.12	D	0.048	U	0.11	D	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.17	D	0.046	U	0.048	U	NT		NT		NT		0.17	JD	0.055	JD	0.049	U	NT	
Diethyl phthalate	84-66-2	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Dimethyl phthalate	131-11-3	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Di-n-butyl phthalate	84-74-2	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Di-n-octyl phthalate	117-84-0	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Fluoranthene	206-44-0	2.82	D	0.048	U	1.12	D	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	4.11	D	0.81	D	0.55	D	NT		NT		NT		5.01	D	2.40	D	0.049	U	NT	
Fluorene	86-73-7	0.30	D	0.048	U	0.14	D	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.20	D	0.046	U	0.048	U	NT		NT		NT		0.52	D	0.10	D	0.049	U	NT	
Hexachlorobenzene	118-74-1	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Hexachlorobutadiene	87-68-3	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Hexachlorocyclopentadiene	77-47-4	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Hexachloroethane	67-72-1	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Indeno(1,2,3-cd)pyrene	193-39-5	1.06	D	0.048	U	0.27	D	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.37	D	0.089	JD	0.066	JD	NT		NT		NT		1.98	D	0.27	D	0.049	U	NT	
Isophorone	78-59-1	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Naphthalene	91-20-3	0.068	JD	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.17	D	0.046	U	0.048	U	NT		NT		NT		0.14	JD	0.047	U	0.049	U	NT	
Nitrobenzene	98-95-3	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
N-Nitrosodimethylamine	62-75-9	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
N-nitroso-di-n-propylamine	621-64-7	0.18	D	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
N-Nitrosodiphenylamine	86-30-6	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.061	JD	0.049	U	NT	
Pentachlorophenol	87-86-5	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Phenanthrene	85-01-8	2.40	D	0.048	U	1.17	D	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	2.42	D	0.52	D	0.38	D	NT		NT		NT		4.62	D	2.02	D	0.049	U	NT	
Phenol	108-95-2	0.047	U	0.048	U	0.047	U	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	0.047	U	0.046	U	0.048	U	NT		NT		NT		0.12	U	0.047	U	0.049	U	NT	
Pyrene	129-00-0	2.95	D	0.048	U	1.18	D	NT		NT		NT		NT		NT		NT		NT		NT		0.046	U	0.049	U	4.54	D	0.77	D	0.53	D	NT		NT		NT		5.90	D	3	D	0.049	U	NT	

NOTES: Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimatec
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample

Pesticides, EPA TCL List		mg/kg		mg/kg																				mg/kg		mg/kg				mg/kg		mg/kg						mg/kg				mg/kg			
Dilution Factor		5		5																				5		5				5		5						5				5			
4,4'-DDD	72-54-8	0.0019	U	0.0019	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0018	U	0.0019	U	NT		0.0018	U	0.0019	U	NT		NT		NT		0.0018	U	NT		0.0019	U	NT	

Table 1a
Soil Analytical Data Summary
76 Ainslie Street, Brooklyn, New York
OER Project No. 16EHAZ222K
Liberty Project No. 160020

Sample ID		GP-4 (0-3)		GP-4 (13-15)		GP-4WC		GP-4WC (3)		GP-4WC (6)		GP-4WC (12)		GP-6WC (9)		GP-6WC (12)		GP-6WC (6)		GP-6WC (2)		GP-7WC (3)		GP-6 (0-3)		GP-6 (13-15)		GP-6WC		GP-7 (0-3)		GP-7 (4-6)		GP-5WC (12)		GP-5WC (2)		GP-5WC (6)		GP-5 (0-3)		GP-5WC		GP-5 (13-15)		GP-5WC (9)	
York ID		16A0628-01		16A0628-02		16A0628-03		16A0628-04		16A0628-05		16A0628-06		16A0689-01		16A0689-02		16A0689-03		16A0689-04		16A0689-05		16A0689-06		16A0689-07		16A0689-08		16A0689-09		16A0689-10		16A0689-11		16A0689-12		16A0689-13		16A0689-14		16A0689-15		16A0689-16		16A0689-17	
Sampling Date		21/2016 10:02:00		1/2016 11:32:00		21/2016 11:03:00		1/2016 10:13:00		1/2016 10:53:00		1/2016 10:56:00		21/2016 3:33:00		21/2016 3:47:00		21/2016 3:25:00		21/2016 3:21:00		22/2016 12:40:00		21/2016 3:07:00		21/2016 4:03:00		21/2016 4:16:00		22/2016 12:28:00		22/2016 12:46:00		22/2016 3:31:00		22/2016 2:47:00		22/2016 3:35:00		22/2016 2:37:00		22/2016 3:46:00		22/2016 3:42:00		22/2016 3:13:00	
Client Matrix		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	**CAS Number**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
4,4'-DDE	72-55-9	0.0019	U	0.0019	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0018	U	0.0019	U	NT		0.0018	U	0.0019	U	NT		NT		NT		0.0018	U	NT		0.0019	U	NT	
4,4'-DDT	50-29-3	0.0019	U	0.0019	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0018	U	0.0019	U	NT		0.0018	U	0.0019	U	NT		NT		NT		0.0018	U	NT		0.0019	U	NT	
Aldrin	309-00-2	0.0019	U	0.0019	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0018	U	0.0019	U	NT		0.0018	U	0.0019	U	NT		NT		NT		0.0018	U	NT		0.0019	U	NT	
alpha-BHC	319-84-6	0.0019	U	0.0019	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0018	U	0.0019	U	NT		0.0018	U	0.0019	U	NT		NT		NT		0.0018	U	NT		0.0019	U	NT	
beta-BHC	319-85-7	0.0019	U	0.0019	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0018	U	0.0019	U	NT		0.0018	U	0.0019	U	NT		NT		NT		0.0018	U	NT		0.0019	U	NT	
Chlordane, total	57-74-9	0.0074	U	0.0076	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0073	U	0.0077	U	NT		0.0072	U	0.0075	U	NT		NT		NT		0.0073	U	NT		0.0077	U	NT	
delta-BHC	319-86-8	0.0019	U	0.0019	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0018	U	0.0019	U	NT		0.0018	U	0.0019	U	NT		NT		NT		0.0018	U	NT		0.0019	U	NT	
Dieldrin	60-57-1	0.0019	U	0.0019	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0018	U	0.0019	U	NT		0.0018	U	0.0019	U	NT		NT		NT		0.0018	U	NT		0.0019	U	NT	
Endosulfan I	959-98-8	0.0019	U	0.0019	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0018	U	0.0019	U	NT		0.0018	U	0.0019	U	NT		NT		NT		0.0018	U	NT		0.0019	U	NT	
Endosulfan II	33213-65-9	0.0019	U	0.0019	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0018	U	0.0019	U	NT		0.0018	U	0.0019	U	NT		NT		NT		0.0018	U	NT		0.0019	U	NT	
Endosulfan sulfate	1031-07-8	0.0019	U	0.0019	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0018	U	0.0019	U	NT		0.0018	U	0.0019	U	NT		NT		NT		0.0018	U	NT		0.0019	U	NT	
Endrin	72-20-8	0.0019	U	0.0019	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0018	U	0.0019	U	NT		0.0018	U	0.0019	U	NT		NT		NT		0.0018	U	NT		0.0019	U	NT	
Endrin aldehyde	7421-93-4	0.0019	U	0.0019	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0018	U	0.0019	U	NT		0.0018	U	0.0019	U	NT		NT		NT		0.0018	U	NT		0.0019	U	NT	
Endrin ketone	53494-70-5	0.0019	U	0.0019	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0018	U	0.0019	U	NT		0.0018	U	0.0019	U	NT		NT		NT		0.0018	U	NT		0.0019	U	NT	
gamma-BHC (Lindane)	58-89-9	0.0019	U	0.0019	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0018	U	0.0019	U	NT		0.0018	U	0.0019	U	NT		NT		NT		0.0018	U	NT		0.0019	U	NT	
Heptachlor	76-44-8	0.0019	U	0.0019	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0018	U	0.0019	U	NT		0.0018	U	0.0019	U	NT		NT		NT		0.0018	U	NT		0.0019	U	NT	
Heptachlor epoxide	1024-57-3	0.0019	U	0.0019	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0018	U	0.0019	U	NT		0.0018	U	0.0019	U	NT		NT		NT		0.0018	U	NT		0.0019	U	NT	
Methoxychlor	72-43-5	0.0093	U	0.0095	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0092	U	0.0096	U	NT		0.0090	U	0.0094	U	NT		NT		NT		0.0092	U	NT		0.0096	U	NT	
Toxaphene	8001-35-2	0.094	U	0.096	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		0.093	U	0.097	U	NT		0.091	U	0.095	U	NT		NT		NT		0.093	U	NT		0.097	U	NT	
Polychlorinated Biphenyls (PCB)		mg/kg		mg/kg		mg/kg																		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg								mg/kg		mg/kg		mg/kg			
Dilution Factor		1		1		1																		1		1		1		1		1								1		1		1			
Aroclor 1016	12674-11-2	0.019	U	0.019	U	0.019	U	NT		NT		NT		NT		NT		NT		NT		NT		0.019	U	0.019	U	0.019	U	0.018	U	0.019	U	NT		NT		NT		0.019	U	0.019	U	0.019	U	NT	
Aroclor 1221	11104-28-2	0.019	U	0.019	U	0.019	U	NT		NT		NT		NT		NT		NT		NT		NT		0.019	U	0.019	U	0.019	U	0.018	U	0.019	U	NT		NT		NT		0.019	U	0.019	U	0.019	U	NT	
Aroclor 1232	11141-16-5	0.019	U	0.019	U	0.019	U	NT		NT		NT		NT		NT		NT		NT		NT		0.019	U	0.019	U	0.019	U	0.018	U	0.019	U	NT		NT		NT		0.019	U	0.019	U	0.019	U	NT	
Aroclor 1242	53469-21-9	0.019	U	0.019	U	0.019	U	NT		NT		NT		NT		NT		NT		NT		NT		0.019	U	0.019	U	0.019	U	0.018	U	0.019	U	NT		NT		NT		0.019	U	0.019	U	0.019	U	NT	
Aroclor 1248	12672-29-6	0.019	U	0.019	U	0.019	U	NT		NT		NT		NT		NT		NT		NT		NT		0.019	U	0.019	U	0.019	U	0.018	U	0.019	U	NT		NT		NT		0.019	U	0.019	U	0.019	U	NT	
Aroclor 1254	11097-69-1	0.019	U	0.019	U	0.019	U	NT		NT		NT		NT		NT		NT		NT		NT		0.019	U	0.019	U	0.019	U	0.018	U	0.019	U	NT		NT		NT		0.019	U	0.019	U	0.019	U	NT	
Aroclor 1260	11096-82-5	0.019	U	0.019	U	0.029		NT		NT		NT		NT		NT		NT		NT		NT		0.019	U	0.019	U	0.019	U	0.018	U	0.019	U	NT		NT		NT		0.019	U	0.019	U	0.019	U	NT	
Total PCBs	1336-36-3	0.019	U	0.019	U	0.029		NT		NT		NT		NT		NT		NT		NT		NT		0.019	U	0.019	U	0.019	U	0.018	U	0.019	U	NT		NT		NT		0.019	U	0.019	U	0.019	U	NT	
Metals, Target Analyte		mg/kg		mg/kg		mg/kg																		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg								mg/kg		mg/kg		mg/kg			
Dilution Factor		1		1		1																		1		1		1		1		1								1		1		10			
Aluminum	7429-90-5	10,800		14,300		9,690		NT		NT		NT		NT		NT		NT		NT		NT		7,770		16,900		7,060		9,470		12,000		NT		NT		NT		7,620		11,400		12,500		NT	
Antimony	7440-36-0	0.56	U	0.58	U	0.57	U	NT		NT		NT		NT		NT		NT		NT		NT		4.41		1.40		1.27		10.50		0.82		NT		NT		NT		1.83		0.57	U	0.58	U	NT	
Arsenic	7440-38-2	4.01		1.83		3.49		NT		NT		NT		NT		NT		NT		NT		NT		13.40		3.65		10.10		14.10		6.26		NT		NT		NT		8.59		3.90		1.17	U	NT	
Barium	7440-39-3	155		34.90		291		NT		NT		NT		NT		NT		NT		NT		NT		221		53.90		181		237		410		NT		NT		NT		297		93.80		59.70		NT	
Beryllium	7440-41-7	0.11	U	0.12	U	0.20		NT		NT		NT		NT		NT		NT		NT		NT		0.11	U	0.12	U	0.11	U	0.11	U	0.17		NT		NT		NT		0.11	U	0.22		0.12	U	NT	
Cadmium	7440-43-9	0.34	U	0.35	U	0.34	U	NT		NT		NT		NT		NT		NT		NT		NT		0.77		0.35	U	1.15		0.55		0.34	U	NT		NT		NT		0.44		0.34	U	0.35	U	NT	
Calcium	7440-70-2	9,150		1,100		3,240		NT		NT		NT		NT		NT		NT		NT		NT		15,600		1,390		24,100		52,200		5,600		NT		NT		NT		22,900		5,760		793		NT	
Chromium	7440-47-3	22.30		41.40		16.60		NT		NT		NT		NT		NT		NT		NT		NT		20.30		23		19.50		18.60		19		NT		NT		NT		16.30		17.80		24.20		NT	
Cobalt	7440-48-4	8.33		9.73		6.90		NT		NT		NT		NT		NT		NT		NT		NT		7.66		10.80		5.98		7.32		7.41		NT		NT		NT		6.11		6.79		10.90		NT	
Copper	7440-50-8	41.20		20		48.20		NT		NT		NT		NT		NT		NT		NT		NT		78.60		15.30		148		83.10		39.40		NT		NT		NT		125		45.20		20.40		NT	
Iron	7439-89-6	22,600		32,300		17,000		NT		NT		NT		NT		NT		NT		NT		NT		29,100		28,000		17,300		18,900		19,700		NT		NT		NT		15,400		17,300		44,800	D	NT	
Lead	7439-92-1	182		10		464		NT		NT		NT		NT		NT		NT		NT		NT		602	B	11.90	B	466	B	629	B	543	B	NT		NT		NT		510	B	180	B	7.57	B	NT	
Magnesium	7439-95-4	2,820		2,790		2,000		NT		NT		NT		NT		NT		NT		NT		NT		2,180		2,390		2,650		4,190		2,740		NT		NT		NT		3,000		2,290		2,660		NT	
Manganese	7439-96-5	417		234		512		NT		NT		NT		NT		NT		NT		NT		NT		416		409		333		442		569		NT		NT		NT		293		470		199		NT	
Nickel	7440-02-0	17		17.80		13.70		NT		NT		NT		NT		NT		NT		NT		NT		16		15.70		14.70		19.10		15.40		NT		NT		NT		14.70		14.70		17.50		NT	
Potassium	7440-09-7	1,690		1,050		792		NT		NT		NT		NT		NT		NT		NT		NT		1,020		924		1,060		1,980		1,180		NT		NT		NT		1,110		934		1,760		NT	
Selenium	7782-49-2	2.68		3.67		2.31		NT		NT		NT		NT		NT		NT		NT		NT		2.26		1.16	U	1.47		1.09	U	1.14	U	NT		NT		NT		1.26		1.14	U	1.17	U	NT	
Silver	7440-22-4	0.56	U	0.58	U	0.57	U	NT		NT		NT		NT		NT		NT		NT		NT		0.56	U	0.58	U	0.56	U	0.55	U	0.57	U	NT		NT		NT		0.56	U	0.57	U	0.58	U	NT	
Sodium	7440-23-5	392		132		157		NT		NT		NT		NT		NT		NT		NT		NT		322		78.80		348		1,090		236		NT		NT		NT		404		225		101		NT	
Thallium	7440-28-0	1.12	U	1.15	U	1.13	U	NT		NT		NT		NT		NT		NT		NT		NT		1.11	U	1.16	U	1.12	U	1.09	U	1.14	U	NT		NT		NT		1.11	U	1.14	U	1.17	U	NT	
Vanadium	7440-62-2	30.40		49.70		22.40		NT		NT		NT		NT		NT		NT		NT		NT		21.50		30.70		19.90		25.40		26.60		NT		NT		NT		20.70		24.60		37.10		NT	
Zinc	7440-66-6	157		44.70		282		NT		NT		NT		NT		NT		NT		NT		NT		403		46.20		446		130		261		NT		NT		NT		229		90.80		44.80		NT	
Mercury by 7473		mg/kg		mg/kg		mg/kg																		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg								mg/kg		mg/kg		mg/kg			
Dilution Factor		1		1		1																		1		1		1		1		1								1		1		1			
Mercury	7439-97-6	0.80		0.035	U	1.16		NT		NT		NT		NT		NT		NT		NT		NT		2.95		0.041		6.70		1.05		0.84		NT		NT		NT		1.84		1.06		0.035	U	NT	
Chromium, Hexavalent						mg/kg																						mg/kg														mg/kg					
Dilution Factor						1																						1														1					
Chromium, Hexavalent	18540-29-9	NT		NT		0.57	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.56	U	NT		NT		NT		NT		NT		NT		0.57	U	NT		NT	

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimatec
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
NT=this indicates the analyte was not a target for this sample

Table 1a
Soil Analytical Data Summary
76 Ainslie Street, Brooklyn, New York
OER Project No. 16EHAZ222K
Liberty Project No. 160020

Sample ID		GP-4 (0-3)		GP-4 (13-15)		GP-4WC		GP-4WC (3)		GP-4WC (6)		GP-4WC (12)		GP-6WC (9)		GP-6WC (12)		GP-6WC (6)		GP-6WC (2)		GP-7WC (3)		GP-6 (0-3)		GP-6 (13-15)		GP-6WC		GP-7 (0-3)		GP-7 (4-6)		GP-5WC (12)		GP-5WC (2)		GP-5WC (6)		GP-5 (0-3)		GP-5WC		GP-5 (13-15)		GP-5WC (9)	
York ID		**16A0628-01**		**16A0628-02**		**16A0628-03**		**16A0628-04**		**16A0628-05**		**16A0628-06**		**16A0689-01**		**16A0689-02**		**16A0689-03**		**16A0689-04**		**16A0689-05**		**16A0689-06**		**16A0689-07**		**16A0689-08**		**16A0689-09**		**16A0689-10**		**16A0689-11**		**16A0689-12**		**16A0689-13**		**16A0689-14**		**16A0689-15**		**16A0689-16**		**16A0689-17**	
Sampling Date		**21/2016 10:02:00**	**A**	**1/2016 11:32:00**		**21/2016 11:03:00**	**A**	**1/2016 10:13:00**		**1/2016 10:53:00**		**1/2016 10:56:00**		**21/2016 3:33:00**	**P**	**21/2016 3:47:00**	**P**	**21/2016 3:25:00**	**P**	**21/2016 3:21:00**	**P**	**22/2016 12:40:00**		**21/2016 3:07:00**	**P**	**21/2016 4:03:00**	**P**	**21/2016 4:16:00**	**P**	**22/2016 12:28:00**	**P**	**22/2016 12:46:00**	**P**	**22/2016 3:31:00**	**P**	**22/2016 2:47:00**	**P**	**22/2016 3:35:00**	**P**	**22/2016 2:37:00**	**P**	**22/2016 3:46:00**	**P**	**22/2016 3:42:00**	**P**	**22/2016 3:13:00**	**P**
Client Matrix		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Compound	**CAS Number**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Total Petroleum Hydrocarbons-GRO (C5-C10)								mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg												mg/kg		mg/kg		mg/kg								mg/kg	
Dilution Factor								100		100		100		100		100		100		100		100												100		100		100								100	
Total Petroleum Hydrocarbons-GRO		NT		NT		NT		62.60	U	97.80	U	77.60	U	107	U	78.20	U	134	U	113	U	110	U	NT		NT		NT		NT		NT		84.30	U	99.40	U	131	U	NT		NT		NT		76.20	U
Volatile Organics, TCLP RCRA List						mg/L																						mg/L														mg/L						
Dilution Factor						10																						10														10						
1,1-Dichloroethylene	75-35-4	NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		0.025	U	NT		NT	
1,2-Dichloroethane	107-06-2	NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		0.025	U	NT		NT	
1,4-Dichlorobenzene	106-46-7	NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		0.025	U	NT		NT	
2-Butanone	78-93-3	NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		0.025	U	NT		NT	
Benzene	71-43-2	NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		0.025	U	NT		NT	
Carbon tetrachloride	56-23-5	NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		0.025	U	NT		NT	
Chlorobenzene	108-90-7	NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		0.025	U	NT		NT	
Chloroform	67-66-3	NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		0.025	U	NT		NT	
Tetrachloroethylene	127-18-4	NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		0.025	U	NT		NT	
Trichloroethylene	79-01-6	NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		0.025	U	NT		NT	
Vinyl Chloride	75-01-4	NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.025	U	NT		NT		NT		NT		NT		NT		0.025	U	NT		NT	
Volatile Organics, Tentatively Identified Cmpds.						mg/kg																						mg/kg																			
Dilution Factor						1																						1																			
dimethyl naphthalene isomers	NA	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.039	JN	NT		NT		NT		NT		NT		NT		NT		NT		NT	
methoxy hexanone isomer	NA	NT		NT		0.0081	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
methyl heptanone isomer	NA	NT		NT		0.0093	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Tentatively Identified Compounds		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0	U	NT		NT		NT		NT		NT		NT		NT		NT		NT	
trimethyl Hexane isomer	NA	NT		NT		0.0052	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Semi-Volatiles, TCLP RCRA Target List						mg/L																						mg/L														mg/L						
Dilution Factor						1																						1														1						
1,4-Dichlorobenzene	106-46-7	NT		NT		0.0065	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0068	U	NT		NT		NT		NT		NT		NT		0.0065	U	NT		NT	
2,4,5-Trichlorophenol	95-95-4	NT		NT		0.0072	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0076	U	NT		NT		NT		NT		NT		NT		0.0072	U	NT		NT	
2,4,6-Trichlorophenol	88-06-2	NT		NT		0.0065	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0069	U	NT		NT		NT		NT		NT		NT		0.0065	U	NT		NT	
2,4-Dinitrotoluene	121-14-2	NT		NT		0.0047	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0050	U	NT		NT		NT		NT		NT		NT		0.0047	U	NT		NT	
2-Methylphenol	95-48-7	NT		NT		0.0017	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0018	U	NT		NT		NT		NT		NT		NT		0.0017	U	NT		NT	
3- & 4-Methylphenols	65794-96-9	NT		NT		0.0074	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0078	U	NT		NT		NT		NT		NT		NT		0.0074	U	NT		NT	
Cresols, total	1319-77-3	NT		NT		0.0074	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0078	U	NT		NT		NT		NT		NT		NT		0.0074	U	NT		NT	
Hexachlorobenzene	118-74-1	NT		NT		0.0059	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0062	U	NT		NT		NT		NT		NT		NT		0.0059	U	NT		NT	
Hexachlorobutadiene	87-68-3	NT		NT		0.0066	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0070	U	NT		NT		NT		NT		NT		NT		0.0066	U	NT		NT	
Hexachloroethane	67-72-1	NT		NT		0.0073	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0076	U	NT		NT		NT		NT		NT		NT		0.0073	U	NT		NT	
Nitrobenzene	98-95-3	NT		NT		0.0039	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0041	U	NT		NT		NT		NT		NT		NT		0.0039	U	NT		NT	
Pentachlorophenol	87-86-5	NT		NT		0.0075	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0079	U	NT		NT		NT		NT		NT		NT		0.0075	U	NT		NT	
Pyridine	110-86-1	NT		NT		0.0064	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0067	U	NT		NT		NT		NT		NT		NT		0.0064	U	NT		NT	
Semi-Volatiles, Tentatively Identified Cmpds.						mg/kg																						mg/kg														mg/kg						
Dilution Factor						2																						5														2						
Tentatively Identified Compounds		NT		NT		0	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0	U	NT		NT		NT		NT		NT		NT		0	U	NT		NT	
Total Petroleum Hydrocarbons-DRO (C10-C28)								mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg												mg/kg		mg/kg		mg/kg								mg/kg	
Dilution Factor								1		1		1		1		1		1		1		1												1		1		1								1	
Total Petroleum Hydrocarbons-DRO		NT		NT		NT		2,090		73.10		12	U	326		33		367		694		162		NT		NT		NT		NT		NT		20.60		235		123		NT		NT		NT		27.90	
Herbicides, TCLP Target List						mg/L																						mg/L														mg/L						
Dilution Factor						1																						1														1						
2,4,5-TP (Silvex)	93-72-1	NT		NT		0.0050	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0050	U	NT		NT		NT		NT		NT		NT		0.0050	U	NT		NT	
2,4-D	94-75-7	NT		NT		0.0050	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0050	U	NT		NT		NT		NT		NT		NT		0.0050	U	NT		NT	
Pesticides, TCLP RCRA List						mg/L																						mg/L														mg/L						
Dilution Factor						1																						1														1						
Chlordane, total	57-74-9	NT		NT		0.0005	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0005	U	NT		NT		NT		NT		NT		NT		0.0005	U	NT		NT	
Endrin	72-20-8	NT		NT		0.0001	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0000	U	NT		NT		NT		NT		NT		NT		0.0001	U	NT		NT	
gamma-BHC (Lindane)	58-89-9	NT		NT		0.0001	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0000	U	NT		NT		NT		NT		NT		NT		0.0001	U	NT		NT	
Heptachlor	76-44-8	NT		NT		0.0001	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0000	U	NT		NT		NT		NT		NT		NT		0.0001	U	NT		NT	
Heptachlor epoxide	1024-57-3	NT		NT		0.0001	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0000	U	NT		NT		NT		NT		NT		NT		0.0001	U	NT		NT	
Methoxychlor	72-43-5	NT		NT		0.0001	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0000	U	NT		NT		NT		NT		NT		NT		0.0001	U	NT		NT	
Toxaphene	8001-35-2	NT		NT		0.0013	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0012	U	NT		NT		NT		NT		NT		NT		0.0013	U	NT		NT	
NJDEP EPH (Cat. 2 Non-Fractionated)						mg/kg																						mg/kg														mg/kg						
Dilution Factor						1																						1														1						
Total EPH		NT		NT		369		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		206		NT		NT		NT		NT		NT		NT		71.90		NT		NT	

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimatec
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
NT=this indicates the analyte was not a target for this sample

Table 1a
Soil Analytical Data Summary
76 Ainslie Street, Brooklyn, New York
OER Project No. 16EHAZ222K
Liberty Project No. 160020

Sample ID		GP-4 (0-3)		GP-4 (13-15)		GP-4WC		GP-4WC (3)		GP-4WC (6)		GP-4WC (12)		GP-6WC (9)		GP-6WC (12)		GP-6WC (6)		GP-6WC (2)		GP-7WC (3)		GP-6 (0-3)		GP-6 (13-15)		GP-6WC		GP-7 (0-3)		GP-7 (4-6)		GP-5WC (12)		GP-5WC (2)		GP-5WC (6)		GP-5 (0-3)		GP-5WC		GP-5 (13-15)		GP-5WC (9)	
York ID		**16A0628-01**		**16A0628-02**		**16A0628-03**		**16A0628-04**		**16A0628-05**		**16A0628-06**		**16A0689-01**		**16A0689-02**		**16A0689-03**		**16A0689-04**		**16A0689-05**		**16A0689-06**		**16A0689-07**		**16A0689-08**		**16A0689-09**		**16A0689-10**		**16A0689-11**		**16A0689-12**		**16A0689-13**		**16A0689-14**		**16A0689-15**		**16A0689-16**		**16A0689-17**	
Sampling Date		**21/2016 10:02:00**		**/1/2016 11:32:00**		**21/2016 11:03:00**		**/1/2016 10:13:00**		**1/2016 10:53:00**		**1/2016 10:56:00**		**21/2016 3:33:00**		**21/2016 3:47:00**		**21/2016 3:25:00**		**21/2016 3:21:00**		**2/2016 12:40:00**		**21/2016 3:07:00**		**21/2016 4:03:00**		**21/2016 4:16:00**		**22/2016 12:28:00**		**22/2016 12:46:00**		**22/2016 3:31:00**		**22/2016 2:47:00**		**22/2016 3:35:00**		**22/2016 2:37:00**		**22/2016 3:46:00**		**22/2016 3:42:00**		**22/2016 3:13:00**	
Client Matrix		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**		**Soil**	
Compound	**CAS Number**	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Copper, TCLP by EPA 6010						mg/L																						mg/L														mg/L					
Dilution Factor						1																						1														1					
Copper	7440-50-8	NT		NT		0.032		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.080		NT		NT		NT		NT		NT		NT		0.034		NT		NT	
Metals, TCLP RCRA						mg/L																						mg/L														mg/L					
Dilution Factor						1																						1														1					
Arsenic	7440-38-2	NT		NT		0.0040	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0040	U	NT		NT		NT		NT		NT		NT		0.0040	U	NT		NT	
Barium	7440-39-3	NT		NT		0.80		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.65		NT		NT		NT		NT		NT		NT		0.77		NT		NT	
Cadmium	7440-43-9	NT		NT		0.0030	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0060		NT		NT		NT		NT		NT		NT		0.0030	U	NT		NT	
Chromium	7440-47-3	NT		NT		0.0060		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.022		NT		NT		NT		NT		NT		NT		0.0060	U	NT		NT	
Lead	7439-92-1	NT		NT		0.81		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.31		NT		NT		NT		NT		NT		NT		0.26		NT		NT	
Selenium	7782-49-2	NT		NT		0.011	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.027		NT		NT		NT		NT		NT		NT		0.019		NT		NT	
Silver	7440-22-4	NT		NT		0.0060	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0060	U	NT		NT		NT		NT		NT		NT		0.0060	U	NT		NT	
Nickel, TCLP by EPA 6010						mg/L																						mg/L														mg/L					
Dilution Factor						1																						1														1					
Nickel	7440-02-0	NT		NT		0.0061		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.012		NT		NT		NT		NT		NT		NT		0.0056	U	NT		NT	
Zinc, TCLP by EPA 6010						mg/L																						mg/L														mg/L					
Dilution Factor						1																						1														1					
Zinc	7440-66-6	NT		NT		5.66		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		5.60		NT		NT		NT		NT		NT		NT		0.74		NT		NT	
Mercury TCLP by 7473						mg/L																						mg/L														mg/L					
Dilution Factor						1																						1														1					
Mercury	7439-97-6	NT		NT		0.0002	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.0002	U	NT		NT		NT		NT		NT		NT		0.0002	U	NT		NT	
Corrosivity						pH units																						pH units														pH units					
Dilution Factor						1																						1														1					
pH		NT		NT		8.65		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		8.87		NT		NT		NT		NT		NT		NT		9.02		NT		NT	
Ignitability						-																						-														-					
Dilution Factor						1																						1														1					
Ignitability		NT		NT		Non-Ignit.		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		Non-Ignit.		NT		NT		NT		NT		NT		NT		Non-Ignit.		NT		NT	
Reactivity-Cyanide						mg/kg																						mg/kg														mg/kg					
Dilution Factor						1																						1														1					
Reactivity - Cyanide		NT		NT		0.25	U	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		0.25	U	NT		NT		NT		NT		NT		NT		0.25	U	NT		NT	
Reactivity-Sulfide						mg/kg																						mg/kg														mg/kg					
Dilution Factor						1																						1														1					
Reactivity - Sulfide		NT		NT		16		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		16		NT		NT		NT		NT		NT		NT		24		NT		NT	
TCLP Extraction for METALS EPA 1311						N/A																						N/A														N/A					
Dilution Factor						1																						1														1					
TCLP Extraction		NT		NT		Completed		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		Completed		NT		NT		NT		NT		NT		NT		Completed		NT		NT	
TCLP Extraction for SVOCS/PEST/HERB						N/A																						N/A														N/A					
Dilution Factor						1																						1														1					
TCLP Extraction		NT		NT		Completed		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		Completed		NT		NT		NT		NT		NT		NT		Completed		NT		NT	
TCLP Extraction for VOA by EPA 1311 ZHE						%																						%														%					
Dilution Factor						1																						1														1					
TCLP Extraction		NT		NT		Completed		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		Completed		NT		NT		NT		NT		NT		NT		Completed		NT		NT	
Total Solids		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%	
Dilution Factor		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1		1	
% Solids	solids	88.90		86.80		88.30		91.60		88.30		83		90.90		89.10		89.80		90.40		90.80		90		86		89.50		91.30		87.70		87.60		92.30		93.50		90		88.10		85.80		90.50	

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimatec
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
NT=this indicates the analyte was not a target for this sample

Table 1b
Vapor Analytical Data Summary
76 Ainslie Street, Brooklyn, New York
OER Project No. 16EHAZ222K
Liberty Project No. 160020

Sample ID		**GP-4**		**GP-6**		**GP-7**		**GP-6 Duplicate 2**	
York ID		**16A0700-01**		**16A0700-02**		**16A0700-04**		**16A0700-05**	
Sampling Date		**1/25/2016 8:15:00 AM**		**1/25/2016 8:20:00 AM**		**1/25/2016 8:27:00 AM**		**1/25/2016 9:49:00 AM**	
Client Matrix		**Soil Vapor**		**Soil Vapor**		**Soil Vapor**		**Soil Vapor**	
Compound	**CAS Number**	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List		ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor		21.45		18.67		1.68		18.67	
1,1,1,2-Tetrachloroethane	630-20-6	15	U	13	U	1.20	U	13	U
1,1,1-Trichloroethane	71-55-6	690	D	43	D	6.80	D	39	D
1,1,2,2-Tetrachloroethane	79-34-5	15	U	13	U	1.20	U	13	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	16	U	14	U	1.30	D	14	U
1,1,2-Trichloroethane	79-00-5	12	U	10	U	0.92	U	10	U
1,1-Dichloroethane	75-34-3	8.70	U	7.60	U	0.68	U	7.60	U
1,1-Dichloroethylene	75-35-4	8.50	U	7.40	U	0.67	U	7.40	U
1,2,4-Trichlorobenzene	120-82-1	16	U	14	U	1.20	U	14	U
1,2,4-Trimethylbenzene	95-63-6	11	U	9.20	U	6.10	D	9.20	U
1,2-Dibromoethane	106-93-4	16	U	14	U	1.30	U	14	U
1,2-Dichlorobenzene	95-50-1	13	U	11	U	1	U	11	U
1,2-Dichloroethane	107-06-2	8.70	U	7.60	U	0.68	U	7.60	U
1,2-Dichloropropane	78-87-5	9.90	U	8.60	U	0.78	U	8.60	U
1,2-Dichlorotetrafluoroethane	76-14-2	15	U	13	U	1.20	U	13	U
1,3,5-Trimethylbenzene	108-67-8	11	U	9.20	U	1.50	D	9.20	U
1,3-Butadiene	106-99-0	28	U	24	U	2.20	U	24	U
1,3-Dichlorobenzene	541-73-1	13	U	11	U	1	U	11	U
1,3-Dichloropropane	142-28-9	9.90	U	8.60	U	0.78	U	8.60	U
1,4-Dichlorobenzene	106-46-7	13	U	11	U	1	U	11	U
1,4-Dioxane	123-91-1	15	U	13	U	1.20	U	13	U
2-Butanone	78-93-3	16	D	25	D	3.70	D	8.30	D
2-Hexanone	591-78-6	18	U	15	U	1.40	U	15	U
3-Chloropropene	107-05-1	34	U	29	U	2.60	U	29	U
4-Methyl-2-pentanone	108-10-1	8.80	U	7.60	U	0.69	U	7.60	U
Acetone	67-64-1	73	D	100	D	37	D	21	D
Acrylonitrile	107-13-1	4.70	U	4.10	U	0.36	U	4.10	U
Benzene	71-43-2	6.90	U	6	U	4.70	D	6	U
Benzyl chloride	100-44-7	11	U	9.70	U	0.87	U	9.70	U
Bromodichloromethane	75-27-4	13	U	12	U	1	U	12	U
Bromoform	75-25-2	22	U	19	U	1.70	U	19	U
Bromomethane	74-83-9	8.30	U	7.20	U	0.65	U	7.20	U
Carbon disulfide	75-15-0	6.70	U	5.80	U	1.70	D	5.80	U
Carbon tetrachloride	56-23-5	3.40	U	2.90	U	0.26	U	2.90	U
Chlorobenzene	108-90-7	9.90	U	8.60	U	0.77	U	8.60	U
Chloroethane	75-00-3	5.70	U	4.90	U	0.44	U	4.90	U
Chloroform	67-66-3	12	D	9.10	U	5.70	D	9.10	U
Chloromethane	74-87-3	4.40	U	3.90	U	0.35	U	3.90	U
cis-1,2-Dichloroethylene	156-59-2	8.50	U	7.40	U	0.67	U	7.40	U
cis-1,3-Dichloropropylene	10061-01-5	9.70	U	8.50	U	0.76	U	8.50	U
Cyclohexane	110-82-7	7.40	U	6.40	U	1.90	D	6.40	U
Dibromochloromethane	124-48-1	17	U	15	U	1.30	U	15	U
Dichlorodifluoromethane	75-71-8	11	U	9.20	U	2.50	D	9.20	U
Ethyl acetate	141-78-6	15	U	13	U	1.20	U	13	U
Ethyl Benzene	100-41-4	9.30	U	8.10	U	3.20	D	8.10	U
Hexachlorobutadiene	87-68-3	23	U	20	U	1.80	U	20	U
Isopropanol	67-63-0	11	U	9.20	U	0.83	U	9.20	U
Methyl Methacrylate	80-62-6	8.80	U	7.60	U	0.69	U	7.60	U
Methyl tert-butyl ether (MTBE)	1634-04-4	7.70	U	6.70	U	0.60	U	6.70	U
Methylene chloride	75-09-2	15	U	13	U	9	D	13	U
n-Heptane	142-82-5	8.80	U	7.70	U	1.90	D	7.70	U
n-Hexane	110-54-3	7.60	U	6.60	U	5.60	D	6.60	U
o-Xylene	95-47-6	9.30	U	8.10	U	4.80	D	8.10	U
p- & m- Xylenes	179601-23-1	19	U	16	U	15	D	16	U
p-Ethyltoluene	622-96-8	11	U	9.20	U	5.90	D	9.20	U
Propylene	115-07-1	70	D	120	D	2.40	D	44	D
Styrene	100-42-5	9.10	U	8	U	0.72	U	8	U
Tetrachloroethylene	127-18-4	15	D	15	D	37	D	3.20	U
Tetrahydrofuran	109-99-9	13	U	11	U	0.99	U	11	U
Toluene	108-88-3	21	D	19	D	17	D	11	D
trans-1,2-Dichloroethylene	156-60-5	8.50	U	7.40	U	0.67	U	7.40	U
trans-1,3-Dichloropropylene	10061-02-6	9.70	U	8.50	U	0.76	U	8.50	U
Trichloroethylene	79-01-6	2.90	U	2.50	U	0.23	U	2.50	U
Trichlorofluoromethane (Freon 11)	75-69-4	12	U	10	U	1.80	D	10	U
Vinyl acetate	108-05-4	7.60	U	6.60	U	0.59	U	6.60	U
Vinyl bromide	593-60-2	9.40	U	8.20	U	0.73	U	8.20	U
Vinyl Chloride	75-01-4	5.50	U	4.80	U	0.43	U	4.80	U

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
NT=this indicates the analyte was not a target for this sample

Table 2
Soil Analytical Data - Detected Compounds Compared to RCSCOs
76 Ainslie Street, Brooklyn, New York
OER Project No. 16EHAZ222K
Liberty Project No. 160020

Sample ID		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial	GP-4 (0-3)	GP-4 (13-15)	GP-4WC	GP-4WC (3)	GP-4WC (6)	GP-4WC (12)	GP-6WC (9)	GP-6WC (12)	GP-6WC (6)	GP-6WC (2)	GP-7WC (3)	GP-6 (0-3)	GP-6 (13-15)	GP-6WC	GP-7 (0-3)	GP-7 (4-6)	GP-5WC (12)	GP-5WC (2)	GP-5WC (6)	GP-5 (0-3)	GP-5WC	GP-5 (13-15)	GP-5WC (9)	B1 5'-7'	B2 4'-6'	B3 3'-5'
York ID			16A0628-01	16A0628-02	16A0628-03	16A0628-04	16A0628-05	16A0628-06	16A0689-01	16A0689-02	16A0689-03	16A0689-04	16A0689-05	16A0689-06	16A0689-07	16A0689-08	16A0689-09	16A0689-10	16A0689-11	16A0689-12	16A0689-13	16A0689-14	16A0689-15	16A0689-16	16A0689-17	-	-	-
Sampling Date			/2016 10:02:0	2016 11:32:0	21/2016 11:03:00 A	2016 10:13:0	2016 10:53:0	2016 10:56:0	/2016 3:33:0	/2016 3:47:0	/2016 3:25:0	/2016 3:21:0	2016 12:40:0	/2016 3:07:0	/2016 4:03:0	/21/2016 4:16:00 PM	/2016 12:28:0	/2016 12:46:0	/2016 3:31:0	/2016 2:47:0	/2016 3:35:0	/2016 2:37:00	/22/2016 3:46:00 PM	/2016 3:42:0	/2016 3:13:0	##########	##########	##########
Client Matrix			Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Compound	**CAS Number**		Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q	Result Q
Volatile Organics, 8260 - Comprehensive		mg/Kg	mg/kg	mg/kg	mg/kg									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				mg/kg	mg/kg	mg/kg				
Dilution Factor			1	1	1									1	1	1	1	1				1	1	1				
2-Butanone	78-93-3	500	0.0022 U	0.0023 U	0.0036 J	NT	NT	NT	NT	NT	NT	NT	NT	0.0027 U	0.0022 U	0.0031 U	0.0024 U	0.0022 U	NT	NT	NT	0.0027 U	0.0023 U	0.0022 U	NT	NT	NT	NT
Acetone	67-64-1	500	0.0045 U	0.0045 U	0.010 J	NT	NT	NT	NT	NT	NT	NT	NT	0.0055 U	0.0043 U	0.0078 J	0.0048 U	0.0044 U	NT	NT	NT	0.0054 U	0.0046 U	0.0044 U	NT	NT	NT	NT
Methylene chloride	75-09-2	500	0.0045 U	0.0045 U	0.0052 U	NT	NT	NT	NT	NT	NT	NT	NT	0.0055 U	0.0043 U	0.0062 U	0.0048 U	0.0044 U	NT	NT	NT	0.0054 U	0.0046 U	0.0044 U	NT	0.0124	0.0072	0.0189
Tetrachloroethylene	127-18-4	150	0.0022 U	0.0023 U	0.0026 U	NT	NT	NT	NT	NT	NT	NT	NT	0.0027 U	0.0022 U	0.0031 U	0.0024 U	0.0022 U	NT	NT	NT	0.0045 J	0.0023 U	0.0022 U	NT	NT	NT	NT
Toluene	108-88-3	500	0.0022 U	0.0023 U	0.0030 J	NT	NT	NT	NT	NT	NT	NT	NT	0.0027 U	0.0022 U	0.0031 U	0.0024 U	0.0022 U	NT	NT	NT	0.0027 U	0.0023 U	0.0022 U	NT	NT	NT	NT
Volatile Organics, Tentatively Identified Cmpds.					mg/kg											mg/kg												
Dilution Factor					1											1												
dimethyl naphthalene isomers	NA	~	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.039 JN	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
methoxy hexanone isomer	NA	~	NT	NT	0.0081 J	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
methyl heptanone isomer	NA	~	NT	NT	0.0093 J	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
trimethyl Hexane isomer	NA	~	NT	NT	0.0052 J	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Semi-Volatiles, 8270 - Comprehensive		mg/Kg	mg/kg	mg/kg	mg/kg									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				mg/kg	mg/kg	mg/kg				
Dilution Factor			2	2	2									2	2	5	2	2				5	2	2				
2-Methylnaphthalene	91-57-6	~	0.073 JD	0.048 U	0.056 JD	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	0.092 JD	0.046 U	0.048 U	NT	NT	NT	0.16 JD	0.047 U	0.049 U	NT	NT	NT	NT
3,3'-Dichlorobenzidine	91-94-1	~	0.047 U	0.048 U	0.047 U	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	0.060 JD	0.046 U	0.048 U	NT	NT	NT	0.12 U	0.054 JD	0.049 U	NT	NT	NT	NT
Acenaphthene	83-32-9	500	0.32 D	0.048 U	0.11 D	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	0.20 D	0.046 U	0.048 U	NT	NT	NT	0.57 D	0.14 D	0.049 U	NT	NT	NT	NT
Acenaphthylene	208-96-8	500	0.082 JD	0.048 U	0.076 JD	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	0.078 JD	0.046 U	0.048 U	NT	NT	NT	0.16 JD	0.047 U	0.049 U	NT	NT	NT	NT
Anthracene	120-12-7	500	0.81 D	0.048 U	0.30 D	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	0.47 D	0.075 JD	0.065 JD	NT	NT	NT	1.07 D	0.30 D	0.049 U	NT	NT	NT	NT
Benzo(a)anthracene	56-55-3	5.6	2.08 D	0.048 U	0.56 D	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	1.63 D	0.32 D	0.23 D	NT	NT	NT	4.23 D	1.27 D	0.049 U	NT	NT	NT	NT
Benzo(a)pyrene	50-32-8	1	1.69 D	0.048 U	0.35 D	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	1.08 D	0.21 D	0.18 D	NT	NT	NT	3.37 D	0.72 D	0.049 U	NT	NT	NT	NT
Benzo(b)fluoranthene	205-99-2	5.6	1.23 D	0.048 U	0.35 D	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	1.08 D	0.22 D	0.16 D	NT	NT	NT	2.56 D	0.57 D	0.049 U	NT	NT	NT	NT
Benzo(g,h,i)perylene	191-24-2	500	1.13 D	0.048 U	0.28 D	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	0.35 D	0.091 JD	0.078 JD	NT	NT	NT	2.52 D	0.27 D	0.049 U	NT	NT	NT	NT
Benzo(k)fluoranthene	207-08-9	56	1.07 D	0.048 U	0.31 D	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	1.13 D	0.27 D	0.18 D	NT	NT	NT	3.01 D	0.62 D	0.049 U	NT	NT	NT	NT
Bis(2-ethylhexyl)phthalate	117-81-7	~	0.047 U	0.048 U	0.047 U	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	0.047 U	0.11 D	0.048 U	NT	NT	NT	0.12 U	0.047 U	0.049 U	NT	NT	NT	NT
Carbazole	86-74-8	~	0.29 D	0.048 U	0.12 D	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	0.22 D	0.046 U	0.048 U	NT	NT	NT	0.35 D	0.11 D	0.049 U	NT	NT	NT	NT
Chrysene	218-01-9	56	1.69 D	0.048 U	0.51 D	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	1.72 D	0.44 D	0.27 D	NT	NT	NT	3.94 D	1.46 D	0.049 U	NT	NT	NT	NT
Dibenzo(a,h)anthracene	53-70-3	0.56	0.51 D	0.048 U	0.12 D	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	0.18 D	0.046 U	0.048 U	NT	NT	NT	1.16 D	0.14 D	0.049 U	NT	NT	NT	NT
Dibenzofuran	132-64-9	350	0.12 D	0.048 U	0.11 D	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	0.17 D	0.046 U	0.048 U	NT	NT	NT	0.17 JD	0.055 JD	0.049 U	NT	NT	NT	NT
Fluoranthene	206-44-0	500	2.82 D	0.048 U	1.12 D	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	4.11 D	0.81 D	0.55 D	NT	NT	NT	5.01 D	2.40 D	0.049 U	NT	NT	NT	NT
Fluorene	86-73-7	500	0.30 D	0.048 U	0.14 D	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	0.20 D	0.046 U	0.048 U	NT	NT	NT	0.52 D	0.10 D	0.049 U	NT	NT	NT	NT
Indeno(1,2,3-cd)pyrene	193-39-5	5.6	1.06 D	0.048 U	0.27 D	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	0.37 D	0.089 JD	0.066 JD	NT	NT	NT	1.98 D	0.27 D	0.049 U	NT	NT	NT	NT
Naphthalene	91-20-3	500	0.068 JD	0.048 U	0.047 U	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	0.17 D	0.046 U	0.048 U	NT	NT	NT	0.14 JD	0.047 U	0.049 U	NT	NT	NT	NT
N-nitroso-di-n-propylamine	621-64-7	~	0.18 D	0.048 U	0.047 U	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	0.047 U	0.046 U	0.048 U	NT	NT	NT	0.12 U	0.047 U	0.049 U	NT	NT	NT	NT
N-Nitrosodiphenylamine	86-30-6	~	0.047 U	0.048 U	0.047 U	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	0.047 U	0.046 U	0.048 U	NT	NT	NT	0.12 U	0.061 JD	0.049 U	NT	NT	NT	NT
Phenanthrene	85-01-8	500	2.40 D	0.048 U	1.17 D	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	2.42 D	0.52 D	0.38 D	NT	NT	NT	4.62 D	2.02 D	0.049 U	NT	NT	NT	NT
Pyrene	129-00-0	500	2.95 D	0.048 U	1.18 D	NT	NT	NT	NT	NT	NT	NT	NT	0.046 U	0.049 U	4.54 D	0.77 D	0.53 D	NT	NT	NT	5.90 D	3 D	0.049 U	NT	NT	NT	NT
Total Petroleum Hydrocarbons-DRO (C10-C28)						mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg						mg/kg	mg/kg	mg/kg				mg/kg			
Dilution Factor						1	1	1	1	1	1	1	1						1	1	1				1			
Total Petroleum Hydrocarbons-DRO		~	NT	NT	NT	2,090	73.10	12 U	326	33	367	694	162	NT	NT	NT	NT	NT	20.60	235	123	NT	NT	NT	27.90	NT	NT	NT
Polychlorinated Biphenyls (PCB)		mg/Kg	mg/kg	mg/kg	mg/kg									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				mg/kg	mg/kg	mg/kg				
Dilution Factor			1	1	1									1	1	1	1	1				1	1	1				
Aroclor 1260	11096-82-5	~	0.019 U	0.019 U	0.029	NT	NT	NT	NT	NT	NT	NT	NT	0.019 U	0.019 U	0.019 U	0.018 U	0.019 U	NT	NT	NT	0.019 U	0.019 U	0.019 U	NT	NT	NT	NT
Total PCBs	1336-36-3	1	0.019 U	0.019 U	0.029	NT	NT	NT	NT	NT	NT	NT	NT	0.019 U	0.019 U	0.019 U	0.018 U	0.019 U	NT	NT	NT	0.019 U	0.019 U	0.019 U	NT	NT	NT	NT
NJDEP EPH (Cat. 2 Non-Fractionated)					mg/kg											mg/kg							mg/kg					
Dilution Factor					1											1							1					
Total EPH		~	NT	NT	369	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	206	NT	NT	NT	NT	NT	NT	71.90	NT	NT	NT	NT	NT
Copper, TCLP by EPA 6010		mg/Kg			mg/L											mg/L							mg/L					
Dilution Factor					1											1							1					
Copper	7440-50-8	270	NT	NT	0.032	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.080	NT	NT	NT	NT	NT	NT	0.034	NT	NT	NT	NT	NT
Metals, Target Analyte		mg/Kg	mg/kg	mg/kg	mg/kg									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				mg/kg	mg/kg	mg/kg				
Dilution Factor			1	1	1									1	1	1	1	1				1	1	10				
Aluminum	7429-90-5	~	10,800	14,300	9,690	NT	NT	NT	NT	NT	NT	NT	NT	7,770	16,900	7,060	9,470	12,000	NT	NT	NT	7,620	11,400	12,500	NT	4600	7300	8500
Antimony	7440-36-0	~	0.56 U	0.58 U	0.57 U	NT	NT	NT	NT	NT	NT	NT	NT	4.41	1.40	1.27	10.50	0.82	NT	NT	NT	1.83	0.57 U	0.58 U	NT	ND	ND	1.51 J
Arsenic	7440-38-2	16	4.01	1.83	3.49	NT	NT	NT	NT	NT	NT	NT	NT	13.40	3.65	10.10	14.10	6.26	NT	NT	NT	8.59	3.90	1.17 U	NT	13.9	3.6	29.1
Barium	7440-39-3	400	155	34.90	291	NT	NT	NT	NT	NT	NT	NT	NT	221	53.90	181	237	410	NT	NT	NT	297	93.80	59.70	NT	306	44.9	2100
Beryllium	7440-41-7	590	0.11 U	0.12 U	0.20	NT	NT	NT	NT	NT	NT	NT	NT	0.11 U	0.12 U	0.11 U	0.11 U	0.17	NT	NT	NT	0.11 U	0.22	0.12 U	NT	0.209 J	0.315	0.362
Cadmium	7440-43-9	9.3	0.34 U	0.35 U	0.34 U	NT	NT	NT	NT	NT	NT	NT	NT	0.77	0.35 U	1.15	0.55	0.34 U	NT	NT	NT	0.44	0.34 U	0.35 U	NT	0.833	0.36	2.05
Calcium	7440-70-2	~	9,150	1,100	3,240	NT	NT	NT	NT	NT	NT	NT	NT	15,600	1,390	24,100	52,200	5,600	NT	NT	NT	22,900	5,760	793	NT	60900	1600	19900
Chromium	7440-47-3	~	22.30	41.40	16.60	NT	NT	NT	NT	NT	NT	NT	NT	20.30	23	19.50	18.60	19	NT	NT	NT	16.30	17.80	24.20	NT	15.9	15.6	38.8
Cobalt	7440-48-4	~	8.33	9.73	6.90	NT	NT	NT	NT	NT	NT	NT	NT	7.66	10.80	5.98	7.32	7.41	NT	NT	NT	6.11	6.79	10.90	NT	6.44	8.72	7.93
Copper	7440-50-8	270	41.20	20	48.20	NT	NT	NT	NT	NT	NT	NT	NT	78.60	15.30	148	83.10	39.40	NT	NT	NT	125	45.20	20.40	NT	78.6	25.8	83.8
Iron	7439-89-6	~	22,600	32,300	17,000	NT	NT	NT	NT	NT	NT	NT	NT	29,100	28,000	17,300	18,900	19,700	NT	NT	NT	15,400	17,300	44,800 D	NT	25500	21900	23600
Lead	7439-92-1	1000	182	10	464	NT	NT	NT	NT	NT	NT	NT	NT	602 B	11.90 B	466 B	629 B	543 B	NT	NT	NT	510 B	180 B	7.57 B	NT	1600	245	2200
Magnesium	7439-95-4	~	2,820	2,790	2,000	NT	NT	NT	NT	NT	NT	NT	NT	2,180	2,390	2,650	4,190	2,740	NT	NT	NT	3,000	2,290	2,660	NT	2300	1700	4100
Manganese	7439-96-5	10000	417	234	512	NT	NT	NT	NT	NT	NT	NT	NT	416	409	333	442	569	NT	NT	NT	293	470	199	NT	302	373	365
Nickel	7440-02-0	310	17	17.80	13.70	NT	NT	NT	NT	NT	NT	NT	NT	16	15.70	14.70	19.10	15.40	NT	NT	NT	14.70	14.70	17.50	NT	12.1	14.6	17.7
Potassium	7440-09-7	~	1,690	1,050	792	NT	NT	NT	NT	NT	NT	NT	NT	1,020	924	1,060	1,980	1,180	NT	NT	NT	1,110	934	1,760	NT	602	781	937
Selenium	7782-49-2	1500	2.68	3.67	2.31	NT	NT	NT	NT	NT	NT	NT	NT	2.26	1.16 U	1.47	1.09 U	1.14 U	NT	NT	NT	1.26	1.14 U	1.17 U	NT	16.1	13.4	15.2
Sodium	7440-23-5	~	392	132	157	NT	NT	NT	NT	NT	NT	NT	NT	322	78.80	348	1,090	236	NT	NT	NT	404	225	101	NT	240	134	238
Vanadium	7440-62-2	~	30.40	49.70	22.40	NT	NT	NT	NT	NT	NT	NT	NT	21.50	30.70	19.90	25.40	26.60	NT	NT	NT	20.70	24.60	37.10	NT	23.8	29.6	31.5
Zinc	7440-66-6	10000	157	44.70	282	NT	NT	NT	NT	NT	NT	NT	NT	403	46.20	446	130	261	NT	NT	NT	229	90.80	44.80	NT	321	842	2100
Metals, TCLP RCRA		mg/Kg			mg/L											mg/L							mg/L					
Dilution Factor					1											1							1					
Barium	7440-39-3	400	NT	NT	0.80	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.65	NT	NT	NT	NT	NT	NT	0.77	NT	NT	NT	NT	NT
Cadmium	7440-43-9	9.3	NT	NT	0.0030 U	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.0060	NT	NT	NT	NT	NT	NT	0.0030 U	NT	NT	NT	NT	NT
Chromium	7440-47-3	~	NT	NT	0.0060	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.022	NT	NT	NT	NT	NT	NT	0.0060 U	NT	NT	NT	NT	NT
Lead	7439-92-1	1000	NT	NT	0.81	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.31	NT	NT	NT	NT	NT	NT	0.26	NT	NT	NT	NT	NT
Selenium	7782-49-2	1500	NT	NT	0.011 U	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.027	NT	NT	NT	NT	NT	NT	0.019	NT	NT	NT	NT	NT
Nickel, TCLP by EPA 6010		mg/Kg			mg/L											mg/L							mg/L					
Dilution Factor					1											1							1					
Nickel	7440-02-0	310	NT	NT	0.0061	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.012	NT	NT	NT	NT	NT	NT	0.0056 U	NT	NT	NT	NT	NT
Zinc, TCLP by EPA 6010		mg/Kg			mg/L											mg/L							mg/L					
Dilution Factor					1											1							1					
Zinc	7440-66-6	10000	NT	NT	5.66	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	5.60	NT	NT	NT	NT	NT	NT	0.74	NT	NT	NT	NT	NT
Mercury by 7473		mg/Kg	mg/kg	mg/kg	mg/kg									mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				mg/kg	mg/kg	mg/kg				
Dilution Factor			1	1	1									1	1	1	1	1				1	1	1				
Mercury	7439-97-6	2.8	0.80	0.035 U	1.16	NT	NT	NT	NT	NT	NT	NT	NT	2.95	0.041	6.70	1.05	0.84	NT	NT	NT	1.84	1.06	0.035 U	NT	3.93	0.15	0.602
Corrosivity					pH units											pH units							pH units					
Dilution Factor					1											1							1					
pH		~	NT	NT	8.65	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	8.87	NT	NT	NT	NT	NT	NT	9.02	NT	NT	NT	NT	NT
Ignitability					-											-							-					
Dilution Factor					1											1							1					
Ignitability		~	NT	NT	Non-Ignit.	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Non-Ignit.	NT	NT	NT	NT	NT	NT	Non-Ignit.	NT	NT	NT	NT	NT
Reactivity-Sulfide					mg/kg											mg/kg							mg/kg					
Dilution Factor					1											1							1					
Reactivity - Sulfide		~	NT	NT	16	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	16	NT	NT	NT	NT	NT	NT	24	NT	NT	NT	NT	NT
TCLP Extraction for METALS EPA 1311					N/A											N/A							N/A					
Dilution Factor					1											1							1					
TCLP Extraction		~	NT	NT	Completed	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Completed	NT	NT	NT	NT	NT	NT	Completed	NT	NT	NT	NT	NT
TCLP Extraction for SVOCS/PEST/HERB					N/A											N/A							N/A					
Dilution Factor					1											1							1					
TCLP Extraction		~	NT	NT	Completed	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Completed	NT	NT	NT	NT	NT	NT	Completed	NT	NT	NT	NT	NT
TCLP Extraction for VOA by EPA 1311 ZHE					%											%							%					
Dilution Factor					1											1							1					
TCLP Extraction		~	NT	NT	Completed	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	Completed	NT	NT	NT	NT	NT	NT	Completed	NT	NT	NT	NT	
Total Solids			%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%			
Dilution Factor			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
% Solids	solids	~	88.90	86.80	88.30	91.60	88.30	83	90.90	89.10	89.80	90.40	90.80	90	86	89.50	91.30	87.70	87.60	92.30	93.50	90	88.10	85.80	90.50	NT	NT	NT

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
NT=this indicates the analyte was not a target for this sample
ND=this indicates the analyte was not detected during the 2013 limited investigation
~=this indicates that no regulatory limit has been established for this analyte

Table 3
Vapor Analytical Data Table - Detected Compounds Compared to NYSDOH Guidance Values
76 Ainslie Street, Brooklyn, New York
OER Project No. 16EHAZ222K
Liberty Project No. 160020

Sample ID York ID Sampling Date Client Matrix		New York State Department of Health Guidance for Evaluating Soil Vapor Intrusion (2006 and Updates)	GP-4 16A0700-01 1/25/2016 8:15:00 AM Soil Vapor		GP-6 16A0700-02 1/25/2016 8:20:00 AM Soil Vapor		GP-7 16A0700-04 1/25/2016 8:27:00 AM Soil Vapor		GP-6 Duplicate 2 16A0700-05 1/25/2016 9:49:00 AM Soil Vapor	
Compound	**CAS Number**		Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List		µg/m3	ug/m3		ug/m3		ug/m3		ug/m3	
Dilution Factor			21.45		18.67		1.68		18.67	
1,1,1-Trichloroethane	71-55-6	100	690	D	43	D	6.80	D	39	D
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	16	U	14	U	1.30	D	14	U
1,2,4-Trimethylbenzene	95-63-6	~	11	U	9.20	U	6.10	D	9.20	U
1,3,5-Trimethylbenzene	108-67-8	~	11	U	9.20	U	1.50	D	9.20	U
2-Butanone	78-93-3	~	16	D	25	D	3.70	D	8.30	D
Acetone	67-64-1	~	73	D	100	D	37	D	21	D
Benzene	71-43-2		6.90	U	6	U	4.70	D	6	U
Carbon disulfide	75-15-0	~	6.70	U	5.80	U	1.70	D	5.80	U
Chloroform	67-66-3	~	12	D	9.10	U	5.70	D	9.10	U
Cyclohexane	110-82-7	~	7.40	U	6.40	U	1.90	D	6.40	U
Dichlorodifluoromethane	75-71-8	~	11	U	9.20	U	2.50	D	9.20	U
Ethyl Benzene	100-41-4		9.30	U	8.10	U	3.20	D	8.10	U
Methylene chloride	75-09-2	60	15	U	13	U	9	D	13	U
n-Heptane	142-82-5	~	8.80	U	7.70	U	1.90	D	7.70	U
n-Hexane	110-54-3	~	7.60	U	6.60	U	5.60	D	6.60	U
o-Xylene	95-47-6	~	9.30	U	8.10	U	4.80	D	8.10	U
p- & m- Xylenes	179601-23-1	~	19	U	16	U	15	D	16	U
p-Ethyltoluene	622-96-8	~	11	U	9.20	U	5.90	D	9.20	U
Propylene	115-07-1	~	70	D	120	D	2.40	D	44	D
Tetrachloroethylene	127-18-4	30	15	D	15	D	37	D	3.20	U
Toluene	108-88-3	~	21	D	19	D	17	D	11	D
Trichlorofluoromethane (Freon 11)	75-69-4	~	12	U	10	U	1.80	D	10	U

NOTES:
Any Regulatory Exceedences are color coded by Regulation
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
NT=this indicates the analyte was not a target for this sample
~=this indicates that no regulatory limit has been established for this analyte

Appendix A

2013 Merritt Focused Subsurface Investigation

MERRITT Environmental Consulting Corp.

77 Arkay Drive, Suite D, Hauppauge, NY 11788
(631) 617-6200/Tel (631) 617-6201/Fax

December 5, 2013
Project: M10455

Mr. Chris Horrigan
Horrigan Development LLC
20 West 36th Street
New York, NY 10018

RE: Focused Subsurface Site Investigation
74-78 Ainslie Street
Brooklyn, New York 11211

Dear Mr. Horrigan:

Merritt Environmental Consulting Corp. ("MECC") has completed a Focused Subsurface Site Investigation (the "FSSI") at the 76 Ainslie Street property (the "Site"). The Site contains a 5,000 square-foot industrial building. The primary focus of this study was to determine if volatile organic compounds (VOCs) were released to subsurface soil or groundwater at actionable concentrations beneath the Site. Three soil borings were installed within the Site building. This study identified no VOCs in soil or groundwater at concentrations that approach applicable regulatory limits. MECC also evaluated fill quality beneath the Site, specifically with respect to potentially elevated heavy metal concentrations. Lead was detected in grab samples of the fill material beneath the building floor slab at concentrations are high enough to warrant concern in connection with possible future Site redevelopment excavation work. Substantial costs for fill disposal could be incurred should future waste classification laboratory analysis of the fill classify the material as hazardous waste due to elevated lead content and possibly other certain heavy metals (no waste classification analysis was conducted by the FSSI but heavy metal concentrations currently reported in fill samples raise the potential of future classification of the fill as hazardous waste).

The detected trace VOC concentrations in soil and groundwater samples are not considered by MECC as having potential of causing a volatile organic vapor intrusion condition within current or future Site structures. However, MECC suggests installation of standard engineering controls beneath any future site building (i.e., vapor barrier, passive sub-slab depressurization system) as a precautionary measure.

Background

The Site is located at the south side of Ainslie Street in an urban setting. The Site contains a high ceiling single-story former industrial building with no basement and a footprint estimated at 5,000 square feet. The building appears to cover the entire Site. The Site building is directly attached to structures at south, east and west-adjoining properties. The Site is currently used as a decorative ceramics workshop. Building construction consists of steel frame with masonry perimeter walls. The Site building appears to have always been connected to the municipal drinking water supply and sewer system.

The Site was historically used for manufacturing purposes. In addition several surrounding properties were historically used for manufacturing, which raised the potential of adverse impact to Site soil and/or groundwater quality.

The elevation of the Site is roughly 20 feet above mean sea level. Surface topography consists of a slight downward slope to the west. Local groundwater flow is expected to be roughly to the northwest towards the East River.

Scope of Work Completed

All field activities associated with this FSSI were completed on November 22, 2013. Mr. Frank Galdun, Project Geologist with MECC, supervised the drilling contractor and conducted all field sampling activities.

MECC retained a qualified contractor to employ a track-mounted hydraulic direct-push drill rig to install three soil borings inside the Site building. The maximum depth of the soil borings was 20 feet below ground surface (bgs). Groundwater was encountered at approximately 17 feet bgs at all borings. Please refer to the attached site sketch for soil boring locations. All direct push, downhole stainless steel soil sample sleeves were washed with water and detergent between sample and boring locations to reduce the potential of cross-contamination.

Soil Quality Field Screening Results

MECC conducted continuous physical evaluation of soil condition to determine if any evidence of contamination was present. In addition, the MECC employed a photoionization detector (PID) to determine if measurable levels of volatile organic vapors existed in the soil samples as they were extracted from the five-foot direct-push sampling sleeves. MECC identified no odors or unusual coloration in any of the soil samples. All PID readings at all borings showed undetected volatile organic vapors in soil.

Subsurface material encountered at the Site consisted of fill material extending to roughly ten feet bgs. Fill content was observed to variously consist of sand, rock fragments, brick fragments and cinders. This fill composition is not considered unusual by MECC. Naturally occurring sediment was encountered below this depth and consisted of interbedded clay, silt and sand.

Soil and Groundwater Sample Laboratory Analysis

MECC installed dedicated one-inch diameter PVC well screen into all borings to a depth of approximately six feet below the water table groundwater sample collection. Dedicated disposable one-quarter inch diameter flexible tubing fitted with a foot valve was then used to collect groundwater samples from each of the three temporary well points. Groundwater was purged until apparent turbidity was visibly reduced and one groundwater sample was collected from the well point for laboratory analysis. All purging and sampling was conducted under low-flow conditions using a peristaltic pump.

MECC also collected one grab soil sample for laboratory analysis from above the water table at each of the soil borings (total three samples) All soil samples were collected at shallow depths (less than seven feet bgs). This range of depths was selected to determine if the Site was a potential source of VOC contamination, and to obtain a general understanding of fill quality. All samples (three groundwater, three soil) were analyzed at Chemtech, a New York State Department of Health-Certified environmental laboratory (NYSDOH Cert. No. 10982). All

samples were analyzed under EPA Method 8260 –VOCs. In addition, all soil samples were analyzed at Chemtech for Target Analyte List Heavy Metals (TAL Metals) and for polychlorinated Biphenyls (PCBs).

All appropriate chain of custody documentation was completed before sample shipment to the laboratory. All samples were collected into laboratory-supplied containers with the appropriate preservatives. The samples were stored on ice and hand-delivered to the laboratory within one day of collection.

VOCs were detected in the soil samples and Table 1 summarizes these results:

TABLE 1: VOC RESULTS FOR SOIL SAMPLES (detected compounds only)

Compound	Sample Location and Depth			Unrestricted Use SCO
	B1 5'-7'	B2 4'-6'	B3 3'-5'	
Methylene chloride	0.0124	0.0072	0.0189	0.05

NOTES

1. **Results in bold exceed Unrestricted Use Soil Cleanup Objectives (Unrestricted Use SCO) as defined in the New York State Department of Environmental Conservation, Division of Environmental Remediation, 6 NYCRR Part 375, Environmental Remediation Programs, dated December 14, 2006.**
2. **All results are expressed in milligrams per kilogram(mg/kg), which can also be expressed as parts per million (ppm).**
3. **ND - Parameter non-detected, below minimum detection limits.**
4. **j: The concentration was detected at a value below the reporting limit (RL) but above the minimum detection limit (MDL)**

Methylene chloride was the only detected VOC in the samples. This substance is commonly introduced into sample media by laboratory procedures and is a known common laboratory-introduced VOC. MECC does not consider trace concentrations of methylene chloride in the samples as representative of soil quality at the Site.

TABLE 2: TARGET ANALYTE METALS PLUS CYANIDE DETECTED IN THE SOIL SAMPLES

TAL Metals	Soil Sample Location and Depth			Unrestricted Use SCO	Residential Use SCO	Restricted Residential Use SCO
	B1 5'-7'	B2 4'-6'	B3 3'-5'			
Antimony	ND	ND	1.51j	No SCO	No SCO	No SCO
Aluminum	4600	7300	8500	No SCO	No SCO	No SCO
Arsenic	13.9	3.6	29.1	13	16	16
Barium	306	44.9	2100	350	350	400
Beryllium	0.209j	0.315	0.362	7.2	14	72
Cadmium	0.833	0.36	2.05	2.5	2.5	4.3
Chromium	15.9	15.6	38.8	30	36	180
Calcium	60900	1600	19900	No SCO	No SCO	No SCO
Cyanide	0.114j	0.226j	ND	27	27	27
Iron	25500	21900	23600	No SCO	No SCO	No SCO
Cobalt	6.44	8.72	7.93	No SCO	No SCO	No SCO
Copper	78.6	25.8	83.8	50	270	270
Lead	1600	245	2200	63	400	400
Magnesium	2300	1700	4100	No SCO	No SCO	No SCO
Manganese	302	373	365	1600	2000	2000
Mercury	3.93	0.15	0.602	0.18	0.81	0.81
Nickel	12.1	14.6	17.7	30	140	310
Vanadium	23.8	29.6	31.5	No SCO	No SCO	No SCO
Selenium	16.1	13.4	15.2	3.9	36	180
Potassium	602	781	937	No SCO	No SCO	No SCO
Silver	ND	0.267j	ND	2	36	36
Sodium	240	134	238	No SCO	No SCO	No SCO
Thallium	ND	ND	ND	No SCO	No SCO	No SCO
Zinc	321	842	2100	109	2200	10000

NOTES

1. **Results in bold exceed Unrestricted Use Soil Cleanup Objectives and/or the Residential Use Soil Cleanup Objectives or Restricted Residential as defined in the New York State Department of Environmental Conservation, Division of Environmental Remediation, NYCRR Part 375, Environmental Remediation Programs, dated December 14, 2006.**
2. **All results are expressed in milligrams per kilogram or parts per million (ppm).**
3. **ND - Parameter non-detected, below method detection limits.**
4. **No SCO – No Unrestricted Use Soil Cleanup Objective for this individual compound**

Table 2 shows various TAL Metals exceed the Unrestricted Use SCOs. Lead, chromium, mercury and arsenic were reported at concentrations in certain samples that exceed all of the SCOs under the various categories shown in Table 2. Elevated heavy metal concentrations are not considered unusual in urban fill material commonly found in urban settings.

No PCBS were detected in any of the three soil samples as reported by the laboratory.

VOCs were detected in the groundwater samples. The following table summarizes the laboratory report.

TABLE 3: VOC RESULTS FOR GROUNDWATER SAMPLES (detected compounds only)

Compound	B1GW	B2GW	B3GW	NYSDEC TOGS Standards
Chloroform	0.53j	0.97j	0.46j	7
Trichloroethene	ND	ND	0.89j	5
Perchloroethylene	0.45j	0.64j	1.9j	5

NOTES

1. **All results are expressed in micrograms per liter (ug/l), also can be expressed as parts per billion (ppb).**
2. **Any result in bold exceeds New York State Department of Health Maximum Contaminant Level for drinking water, and the guidance values or standard listed in the NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) or "TOGS" *Water Quality Standards and Guidance Values*.**
3. **ND: Parameter non-detected, below method detection limits.**
4. **j: The concentration was detected at a value below the reporting limit (RL) but above the minimum detection limit (MDL)**

Trichloroethene (TCE) and perchloroethylene (PCE) were both detected in the groundwater samples, but at what are considered as trace concentrations that do not exceed applicable regulatory limits. Chloroform was also detected in the samples at trace concentrations but this substance is commonly introduced into sample media by the laboratory during analysis and is not considered representative of actual groundwater quality.

Conclusions/Recommendations

TAL Metals were detected at concentrations that exceed applicable regulatory limits in the fill material beneath the Site. While elevated heavy metal concentrations are not unusual for urban fill material and no regulatory reporting is required, disposal costs will be incurred if this material is excavated for removal from the Site. The scope of this FSSI did not include an analysis of fill for waste classification or fill disposal budgetary purposes. However, should future waste classification sample laboratory analysis show that lead or other certain heavy metals are detected at concentrations that classify the material as a hazardous waste, significantly higher disposal costs will be incurred.

Only trace concentrations of a limited number of VOCs were detected by the laboratory in the soil or groundwater samples collected from beneath the Site. These results are not considered by MECC as representative of a potential vapor intrusion condition at the Site, nor are the reported VOC concentrations actionable in connection with regulatory agency reporting or implementation of corrective measures. However, MECC believes that installation of standard

engineering controls that can prevent any potential future vapor intrusion condition into proposed improvements is a prudent means of addressing such a possibility. These engineering controls typically consist of a soil vapor barrier and a passive sub-slab depressurization system.

Limitations of the FSSI

The scope of the FSSI is intended to aid in evaluating whether additional investigation would be prudent. The tasks that comprise this FSSI are not exhaustive or definitive. MECC has made no independent investigation of the accuracy of these secondary sources and has assumed them to be accurate and complete. MECC does not warrant the accuracy or completeness of information provided by secondary sources (MECC has no reason to believe that the secondary sources provided or acquired during this study contain intentionally false or misleading information). MECC does not warrant that all contamination that may exist under the Site has been discovered, that the Site is suitable for any particular purpose or that the Site is clean or free of liability.

If you have any questions concerning this document, please feel free to call our office.

Sincerely,

Charles G. Merritt
President/LEED AP

Frank Galdun
Project Geologist

Attachments:

Attachment 1: Site Location Map and Site Plan
Attachment 2: Laboratory Report of Analysis
Attachment 3: Site Photographs
Attachment 4: Soil Borings Logs

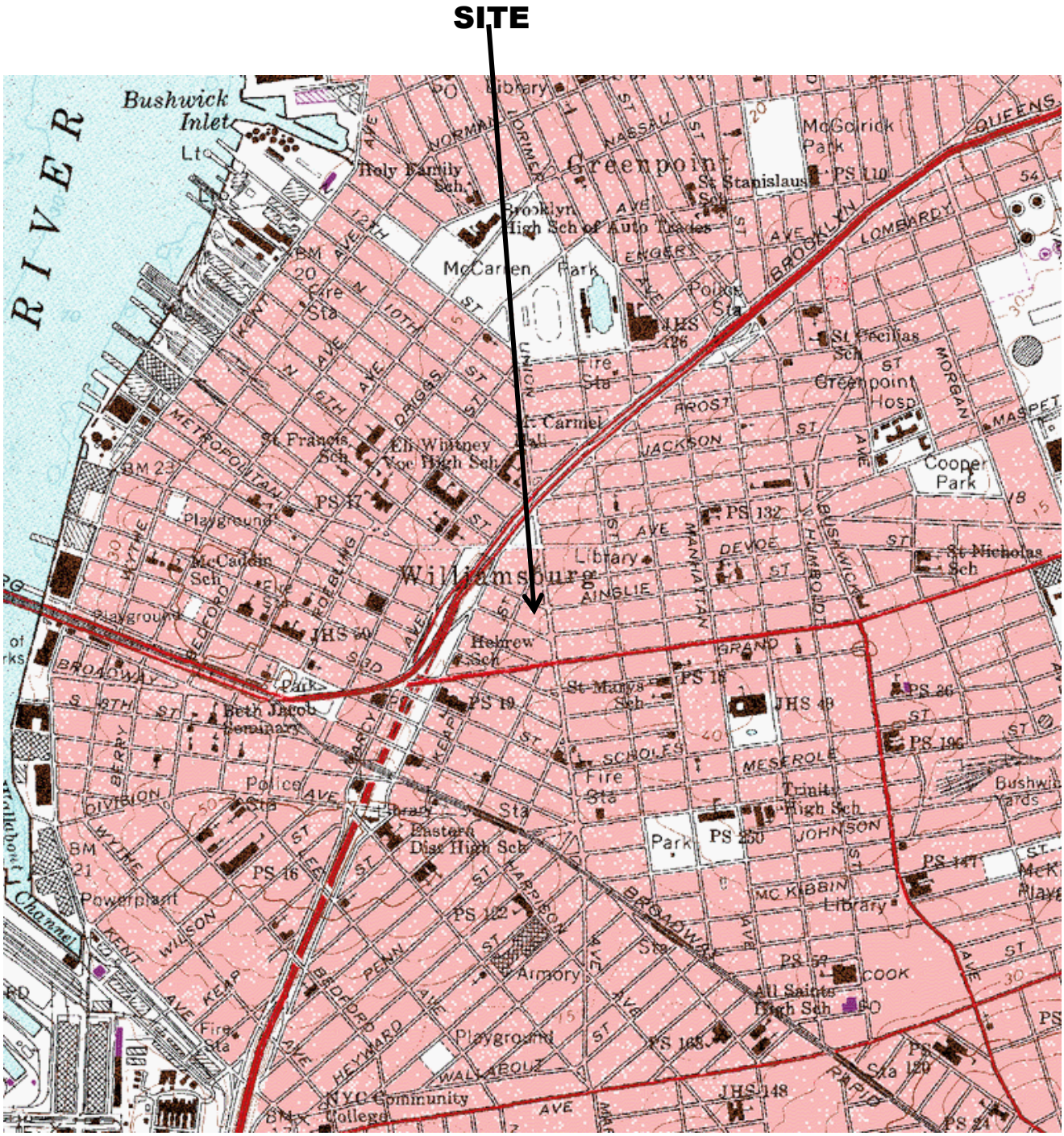
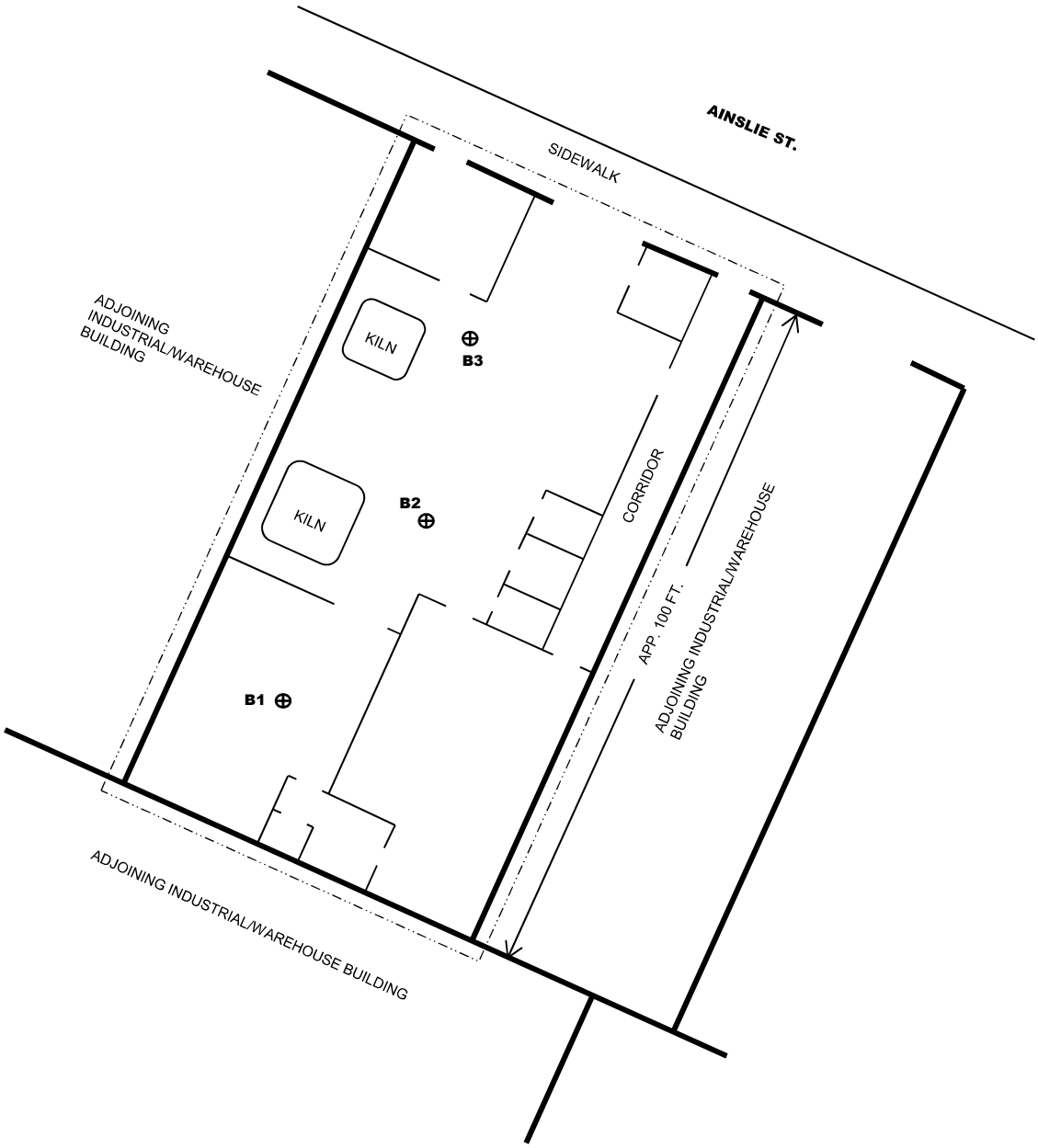


FIGURE 1: SITE LOCATION MAP **Contour Interval: 5'**	**Site Address:** **76 Ainslie St.** **Brooklyn, NY**
USGS 7.5" Quadrangle Map titled *Brooklyn, NY* dated 1995	



NOTES:
INTERIOR DETAILS SHOW GROUND FLOOR ONLY. PARTIAL MEZZANINE LEVELS EXIST AT THE NORTHWEST CORNER AND NORTHEAST AREA OF THE BUILDING.

INTERIOR DETAILS ARE APPROXIMATE AND ARE BASED ON LIMITED ACCESS OBSERVATIONS

SITE SKETCH **76 AINSLIE ST.**
BROOKLYN, NY

NOT TO SCALE ⊕ DENOTES SOIL BORING LOCATIONS

N

CHEMTECH 284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

DATA PACKAGE

VOLATILE ORGANICS

GC SEMI-VOLATILES

METALS

GENERAL CHEMISTRY

PROJECT NAME : 76 AINSLIE ST.

GFE LLC

58 Nokomis Ave

Lake Hiawatha, NJ - 07034

Phone No: 646-542-3465

ORDER ID : E4600

ATTENTION : Frank Galdun

ACCREDITED IN ACCORDANCE WITH nelac

DoD ELAP

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.
QUOTE NO. E4600
COC Number 030592

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: GFE
ADDRESS: 58 NOKOMIS AVE
CITY: LK. HIAWATHA STATE NJ ZIP 07034
ATTENTION: FRANK GALDUN
PHONE: 6465423465 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 76 AINSLIE ST.
PROJECT NO.: LOCATION: BROOKLYN, NY
PROJECT MANAGER: F. GALDUN
e-mail: frankg4@optonline.net
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: SAME AS PO#:
ADDRESS: LEFT
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: 5 DAY DAYS *
HARD COPY: DAYS *
EDD: DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
* STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☑ LEVEL 1: Results only ☐ Others
☐ LEVEL 2: Results + QC
☐ LEVEL 3: Results (plus results raw data) + QC
☐ LEVEL 4: Results + QC (all raw data)
☐ EDD Format:

ANALYSIS

1 EPA 8260 PARTS 358 & 951
2 TAL METALS + CN
3 RCRA
4 5 6 7 8 9

PRESERVATIVES / **COMMENTS**

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1 (A/E)	2 (E)	3 (E)	4	5	6	7	8	9	COMMENTS
1.	B1 5'-7'	SOIL		✓	11/22/13	8:00	3	✓	✓	✓							
2.	B2 4'-6'	↓		↓	↓	9:00	↓	↓	✓	✓							
3.	B3 3'-5'	↓		↓	↓	11:00	↓	↓	✓	✓							
4.	B1GW	GW		↓	↓	8:30	2	↓									
5.	B2GW	↓		↓	↓	9:30	↓	↓									
6.	B3GW	↓		↓	↓	12:00	↓	↓									
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME	RECEIVED BY:
1. [signature]	11/22/13 6:30PM	1. [signature]
RELINQUISHED BY: 2. [signature]	DATE/TIME: 11/25 9:20AM	RECEIVED BY: 2.
RELINQUISHED BY: 3.	DATE/TIME:	RECEIVED FOR LAB BY: 3. [signature]

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. 6°C
Ice in Cooler?: YES

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☐ YES ☐ NO

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13 08:00:00
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B1(5-7)	SDG No.:	E4600
Lab Sample ID:	E4600-01	Matrix:	SOIL
		% Solid:	84.6

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.114	J	1	0.039	0.148	0.296	mg/Kg	11/25/13	11/25/13 15:27	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B1(5-7)	SDG No.:	E4600
Lab Sample ID:	E4600-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	4600		1	0.852	2.54	5.07	mg/Kg	11/25/13	11/25/13	SW6010
7440-36-0	Antimony	1.27	U	1	0.568	1.27	2.54	mg/Kg	11/25/13	11/25/13	SW6010
7440-38-2	Arsenic	13.9		1	0.335	0.507	1.01	mg/Kg	11/25/13	11/25/13	SW6010
7440-39-3	Barium	306		1	0.406	2.54	5.07	mg/Kg	11/25/13	11/25/13	SW6010
7440-41-7	Beryllium	0.209	J	1	0.061	0.152	0.304	mg/Kg	11/25/13	11/25/13	SW6010
7440-43-9	Cadmium	0.833		1	0.061	0.152	0.304	mg/Kg	11/25/13	11/25/13	SW6010
7440-70-2	Calcium	60900		1	1.09	50.7	101	mg/Kg	11/25/13	11/25/13	SW6010
7440-47-3	Chromium	15.9		1	0.132	0.254	0.507	mg/Kg	11/25/13	11/25/13	SW6010
7440-48-4	Cobalt	6.44		1	0.578	0.761	1.52	mg/Kg	11/25/13	11/25/13	SW6010
7440-50-8	Copper	78.6		1	0.325	0.507	1.01	mg/Kg	11/25/13	11/25/13	SW6010
7439-89-6	Iron	25500		1	1.35	2.54	5.07	mg/Kg	11/25/13	11/25/13	SW6010
7439-92-1	Lead	1600		1	0.122	0.304	0.609	mg/Kg	11/25/13	11/25/13	SW6010
7439-95-4	Magnesium	2300		1	4.65	50.7	101	mg/Kg	11/25/13	11/25/13	SW6010
7439-96-5	Manganese	302		1	0.193	0.507	1.01	mg/Kg	11/25/13	11/25/13	SW6010
7439-97-6	Mercury	3.93	DN*	10	0.059	0.059	0.118	mg/Kg	11/25/13	11/25/13	SW7471A
7440-02-0	Nickel	12.1		1	0.467	1.01	2.03	mg/Kg	11/25/13	11/25/13	SW6010
7440-09-7	Potassium	602		1	3.55	50.7	101	mg/Kg	11/25/13	11/25/13	SW6010
7782-49-2	Selenium	16.1		1	0.416	0.507	1.01	mg/Kg	11/25/13	11/25/13	SW6010
7440-22-4	Silver	0.254	U	1	0.152	0.254	0.507	mg/Kg	11/25/13	11/25/13	SW6010
7440-23-5	Sodium	240		1	2.56	50.7	101	mg/Kg	11/25/13	11/25/13	SW6010
7440-28-0	Thallium	1.01	U	1	0.274	1.01	2.03	mg/Kg	11/25/13	11/25/13	SW6010
7440-62-2	Vanadium	23.8		1	0.599	1.01	2.03	mg/Kg	11/25/13	11/25/13	SW6010
7440-66-6	Zinc	321		1	0.71	1.01	2.03	mg/Kg	11/25/13	11/25/13	SW6010

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS TAL+CN				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B1(5-7)	SDG No.:	E4600
Lab Sample ID:	E4600-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	15.4 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PB008385.D	1	11/25/13	11/26/13	PB73622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	3.9	U	3.9	3.9	20.1	ug/kg
11104-28-2	Aroclor-1221	3.9	U	3.9	3.9	20.1	ug/kg
11141-16-5	Aroclor-1232	3.9	U	3.9	3.9	20.1	ug/kg
53469-21-9	Aroclor-1242	3.9	U	3.9	3.9	20.1	ug/kg
12672-29-6	Aroclor-1248	3.9	U	3.9	3.9	20.1	ug/kg
11097-69-1	Aroclor-1254	3.9	U	1.8	3.9	20.1	ug/kg
11096-82-5	Aroclor-1260	3.9	U	3.9	3.9	20.1	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	14.4		10 - 166		72%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.5		60 - 125		68%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B1(5-7)	SDG No.:	E4600
Lab Sample ID:	E4600-01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	15.4
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF039712.D	1		11/25/13	VF112513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	0.59	U	0.59	0.59	5.9	ug/Kg
75-35-4	1,1-Dichloroethene	0.59	U	0.59	0.59	5.9	ug/Kg
67-64-1	Acetone	3	U	3	3	29.6	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.59	U	0.59	0.59	5.9	ug/Kg
75-09-2	Methylene Chloride	12.4		0.59	0.59	5.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.59	U	0.59	0.59	5.9	ug/Kg
75-34-3	1,1-Dichloroethane	0.59	U	0.59	0.59	5.9	ug/Kg
78-93-3	2-Butanone	8.9	U	3.7	8.9	29.6	ug/Kg
56-23-5	Carbon Tetrachloride	0.59	U	0.59	0.59	5.9	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.59	U	0.59	0.59	5.9	ug/Kg
67-66-3	Chloroform	0.59	U	0.59	0.59	5.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.59	U	0.59	0.59	5.9	ug/Kg
71-43-2	Benzene	0.59	U	0.45	0.59	5.9	ug/Kg
107-06-2	1,2-Dichloroethane	0.59	U	0.59	0.59	5.9	ug/Kg
79-01-6	Trichloroethene	0.59	U	0.59	0.59	5.9	ug/Kg
108-88-3	Toluene	0.59	U	0.59	0.59	5.9	ug/Kg
127-18-4	Tetrachloroethene	0.59	U	0.59	0.59	5.9	ug/Kg
108-90-7	Chlorobenzene	0.59	U	0.59	0.59	5.9	ug/Kg
100-41-4	Ethyl Benzene	0.59	U	0.59	0.59	5.9	ug/Kg
179601-23-1	m/p-Xylenes	1.2	U	0.85	1.2	11.8	ug/Kg
1330-20-7	Total Xylenes	1.79	U	1.44	1.79	17.7	ug/Kg
95-47-6	o-Xylene	0.59	U	0.59	0.59	5.9	ug/Kg
98-82-8	Isopropylbenzene	0.59	U	0.57	0.59	5.9	ug/Kg
103-65-1	n-propylbenzene	0.59	U	0.43	0.59	5.9	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.59	U	0.53	0.59	5.9	ug/Kg
98-06-6	tert-Butylbenzene	0.59	U	0.59	0.59	5.9	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	0.59	U	0.59	0.59	5.9	ug/Kg
135-98-8	sec-Butylbenzene	0.59	U	0.59	0.59	5.9	ug/Kg
99-87-6	p-Isopropyltoluene	0.59	U	0.34	0.59	5.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.59	U	0.44	0.59	5.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.59	U	0.48	0.59	5.9	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B1(5-7)	SDG No.:	E4600
Lab Sample ID:	E4600-01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	15.4
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF039712.D	1		11/25/13	VF112513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
104-51-8	n-Butylbenzene	0.59	U	0.54	0.59	5.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.59	U	0.59	0.59	5.9	ug/Kg
91-20-3	Naphthalene	0.59	U	0.53	0.59	5.9	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	44.5		56 - 120		89%	SPK: 50
1868-53-7	Dibromofluoromethane	47.2		57 - 135		94%	SPK: 50
2037-26-5	Toluene-d8	47.5		67 - 123		95%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.4		33 - 141		93%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	430083	4.86				
540-36-3	1,4-Difluorobenzene	704731	5.59				
3114-55-4	Chlorobenzene-d5	534435	9.75				
3855-82-1	1,4-Dichlorobenzene-d4	208818	12.53				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13 09:00:00
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B2(4-6)	SDG No.:	E4600
Lab Sample ID:	E4600-02	Matrix:	SOIL
		% Solid:	89.8

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.226	J	1	0.037	0.139	0.278	mg/Kg	11/25/13	11/25/13 15:32	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B2(4-6)	SDG No.:	E4600
Lab Sample ID:	E4600-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	7500		1	0.793	2.36	4.72	mg/Kg	11/25/13	11/25/13	SW6010
7440-36-0	Antimony	1.18	U	1	0.528	1.18	2.36	mg/Kg	11/25/13	11/25/13	SW6010
7440-38-2	Arsenic	3.6		1	0.311	0.472	0.944	mg/Kg	11/25/13	11/25/13	SW6010
7440-39-3	Barium	44.9		1	0.377	2.36	4.72	mg/Kg	11/25/13	11/25/13	SW6010
7440-41-7	Beryllium	0.315		1	0.057	0.142	0.283	mg/Kg	11/25/13	11/25/13	SW6010
7440-43-9	Cadmium	0.36		1	0.057	0.142	0.283	mg/Kg	11/25/13	11/25/13	SW6010
7440-70-2	Calcium	1600		1	1.01	47.2	94.4	mg/Kg	11/25/13	11/25/13	SW6010
7440-47-3	Chromium	15.6		1	0.123	0.236	0.472	mg/Kg	11/25/13	11/25/13	SW6010
7440-48-4	Cobalt	8.72		1	0.538	0.708	1.42	mg/Kg	11/25/13	11/25/13	SW6010
7440-50-8	Copper	25.8		1	0.302	0.472	0.944	mg/Kg	11/25/13	11/25/13	SW6010
7439-89-6	Iron	21900		1	1.26	2.36	4.72	mg/Kg	11/25/13	11/25/13	SW6010
7439-92-1	Lead	245		1	0.113	0.283	0.566	mg/Kg	11/25/13	11/25/13	SW6010
7439-95-4	Magnesium	1700		1	4.32	47.2	94.4	mg/Kg	11/25/13	11/25/13	SW6010
7439-96-5	Manganese	373		1	0.179	0.472	0.944	mg/Kg	11/25/13	11/25/13	SW6010
7439-97-6	Mercury	0.15	N*	1	0.005	0.005	0.01	mg/Kg	11/25/13	11/25/13	SW7471A
7440-02-0	Nickel	14.6		1	0.434	0.944	1.89	mg/Kg	11/25/13	11/25/13	SW6010
7440-09-7	Potassium	781		1	3.3	47.2	94.4	mg/Kg	11/25/13	11/25/13	SW6010
7782-49-2	Selenium	13.4		1	0.387	0.472	0.944	mg/Kg	11/25/13	11/25/13	SW6010
7440-22-4	Silver	0.267	J	1	0.142	0.236	0.472	mg/Kg	11/25/13	11/25/13	SW6010
7440-23-5	Sodium	134		1	2.38	47.2	94.4	mg/Kg	11/25/13	11/25/13	SW6010
7440-28-0	Thallium	0.944	U	1	0.255	0.944	1.89	mg/Kg	11/25/13	11/25/13	SW6010
7440-62-2	Vanadium	29.6		1	0.557	0.944	1.89	mg/Kg	11/25/13	11/25/13	SW6010
7440-66-6	Zinc	842		1	0.661	0.944	1.89	mg/Kg	11/25/13	11/25/13	SW6010

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS TAL+CN				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B2(4-6)	SDG No.:	E4600
Lab Sample ID:	E4600-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	10.2 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PB008386.D	1	11/25/13	11/26/13	PB73622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	3.7	U	3.7	3.7	18.9	ug/kg
11104-28-2	Aroclor-1221	3.7	U	3.7	3.7	18.9	ug/kg
11141-16-5	Aroclor-1232	3.7	U	3.7	3.7	18.9	ug/kg
53469-21-9	Aroclor-1242	3.7	U	3.7	3.7	18.9	ug/kg
12672-29-6	Aroclor-1248	3.7	U	3.7	3.7	18.9	ug/kg
11097-69-1	Aroclor-1254	3.7	U	1.7	3.7	18.9	ug/kg
11096-82-5	Aroclor-1260	3.7	U	3.7	3.7	18.9	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.3		10 - 166		82%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.8		60 - 125		64%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B2(4-6)	SDG No.:	E4600
Lab Sample ID:	E4600-02	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	10.2
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF039713.D	1		11/25/13	VF112513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	0.56	U	0.56	0.56	5.6	ug/Kg
75-35-4	1,1-Dichloroethene	0.56	U	0.56	0.56	5.6	ug/Kg
67-64-1	Acetone	2.8	U	2.8	2.8	27.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.56	U	0.56	0.56	5.6	ug/Kg
75-09-2	Methylene Chloride	7.2		0.56	0.56	5.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.56	U	0.56	0.56	5.6	ug/Kg
75-34-3	1,1-Dichloroethane	0.56	U	0.56	0.56	5.6	ug/Kg
78-93-3	2-Butanone	8.4	U	3.5	8.4	27.9	ug/Kg
56-23-5	Carbon Tetrachloride	0.56	U	0.56	0.56	5.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.56	U	0.56	0.56	5.6	ug/Kg
67-66-3	Chloroform	0.56	U	0.56	0.56	5.6	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.56	U	0.56	0.56	5.6	ug/Kg
71-43-2	Benzene	0.56	U	0.42	0.56	5.6	ug/Kg
107-06-2	1,2-Dichloroethane	0.56	U	0.56	0.56	5.6	ug/Kg
79-01-6	Trichloroethene	0.56	U	0.56	0.56	5.6	ug/Kg
108-88-3	Toluene	0.56	U	0.56	0.56	5.6	ug/Kg
127-18-4	Tetrachloroethene	0.56	U	0.56	0.56	5.6	ug/Kg
108-90-7	Chlorobenzene	0.56	U	0.56	0.56	5.6	ug/Kg
100-41-4	Ethyl Benzene	0.56	U	0.56	0.56	5.6	ug/Kg
179601-23-1	m/p-Xylenes	1.1	U	0.8	1.1	11.2	ug/Kg
1330-20-7	Total Xylenes	1.66	U	1.36	1.66	16.8	ug/Kg
95-47-6	o-Xylene	0.56	U	0.56	0.56	5.6	ug/Kg
98-82-8	Isopropylbenzene	0.56	U	0.54	0.56	5.6	ug/Kg
103-65-1	n-propylbenzene	0.56	U	0.4	0.56	5.6	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.56	U	0.5	0.56	5.6	ug/Kg
98-06-6	tert-Butylbenzene	0.56	U	0.56	0.56	5.6	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	0.56	U	0.56	0.56	5.6	ug/Kg
135-98-8	sec-Butylbenzene	0.56	U	0.56	0.56	5.6	ug/Kg
99-87-6	p-Isopropyltoluene	0.56	U	0.32	0.56	5.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.56	U	0.41	0.56	5.6	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.56	U	0.46	0.56	5.6	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B2(4-6)	SDG No.:	E4600
Lab Sample ID:	E4600-02	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	10.2
Sample Wt/Vol:	4.99 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF039713.D	1		11/25/13	VF112513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
104-51-8	n-Butylbenzene	0.56	U	0.51	0.56	5.6	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.56	U	0.56	0.56	5.6	ug/Kg
91-20-3	Naphthalene	0.56	U	0.5	0.56	5.6	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	42.2		56 - 120		84%	SPK: 50
1868-53-7	Dibromofluoromethane	44.1		57 - 135		88%	SPK: 50
2037-26-5	Toluene-d8	47.7		67 - 123		95%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.9		33 - 141		90%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	439525	4.86				
540-36-3	1,4-Difluorobenzene	727122	5.59				
3114-55-4	Chlorobenzene-d5	561610	9.76				
3855-82-1	1,4-Dichlorobenzene-d4	218080	12.53				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13 11:00:00
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B3(3-5)	SDG No.:	E4600
Lab Sample ID:	E4600-03	Matrix:	SOIL
		% Solid:	86.4

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	2.75		1	0.038	0.145	0.289	mg/Kg	11/25/13	11/25/13 15:32	9012B

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B3(3-5)	SDG No.:	E4600
Lab Sample ID:	E4600-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	86.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7429-90-5	Aluminum	8500		1	0.824	2.45	4.9	mg/Kg	11/25/13	11/25/13	SW6010
7440-36-0	Antimony	1.51	J	1	0.549	1.23	2.45	mg/Kg	11/25/13	11/25/13	SW6010
7440-38-2	Arsenic	29.1		1	0.324	0.49	0.981	mg/Kg	11/25/13	11/25/13	SW6010
7440-39-3	Barium	2100		1	0.392	2.45	4.9	mg/Kg	11/25/13	11/25/13	SW6010
7440-41-7	Beryllium	0.362		1	0.059	0.147	0.294	mg/Kg	11/25/13	11/25/13	SW6010
7440-43-9	Cadmium	2.05		1	0.059	0.147	0.294	mg/Kg	11/25/13	11/25/13	SW6010
7440-70-2	Calcium	19900		1	1.05	49.0	98.1	mg/Kg	11/25/13	11/25/13	SW6010
7440-47-3	Chromium	38.8		1	0.128	0.245	0.49	mg/Kg	11/25/13	11/25/13	SW6010
7440-48-4	Cobalt	7.93		1	0.559	0.736	1.47	mg/Kg	11/25/13	11/25/13	SW6010
7440-50-8	Copper	83.8		1	0.314	0.49	0.981	mg/Kg	11/25/13	11/25/13	SW6010
7439-89-6	Iron	23600		1	1.3	2.45	4.9	mg/Kg	11/25/13	11/25/13	SW6010
7439-92-1	Lead	2200		1	0.118	0.294	0.589	mg/Kg	11/25/13	11/25/13	SW6010
7439-95-4	Magnesium	4100		1	4.49	49.0	98.1	mg/Kg	11/25/13	11/25/13	SW6010
7439-96-5	Manganese	365		1	0.186	0.49	0.981	mg/Kg	11/25/13	11/25/13	SW6010
7439-97-6	Mercury	0.602	DN*	2	0.011	0.011	0.022	mg/Kg	11/25/13	11/25/13	SW7471A
7440-02-0	Nickel	17.7		1	0.451	0.981	1.96	mg/Kg	11/25/13	11/25/13	SW6010
7440-09-7	Potassium	937		1	3.43	49.0	98.1	mg/Kg	11/25/13	11/25/13	SW6010
7782-49-2	Selenium	15.2		1	0.402	0.49	0.981	mg/Kg	11/25/13	11/25/13	SW6010
7440-22-4	Silver	0.245	U	1	0.147	0.245	0.49	mg/Kg	11/25/13	11/25/13	SW6010
7440-23-5	Sodium	238		1	2.47	49.0	98.1	mg/Kg	11/25/13	11/25/13	SW6010
7440-28-0	Thallium	0.981	U	1	0.265	0.981	1.96	mg/Kg	11/25/13	11/25/13	SW6010
7440-62-2	Vanadium	31.5		1	0.579	0.981	1.96	mg/Kg	11/25/13	11/25/13	SW6010
7440-66-6	Zinc	2100		1	0.687	0.981	1.96	mg/Kg	11/25/13	11/25/13	SW6010

Color Before:	Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	No
Comments:	METALS TAL+CN				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B3(3-5)	SDG No.:	E4600
Lab Sample ID:	E4600-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	13.6 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PB008387.D	1	11/25/13	11/26/13	PB73622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	3.8	U	3.8	3.8	19.6	ug/kg
11104-28-2	Aroclor-1221	3.8	U	3.8	3.8	19.6	ug/kg
11141-16-5	Aroclor-1232	3.8	U	3.8	3.8	19.6	ug/kg
53469-21-9	Aroclor-1242	3.8	U	3.8	3.8	19.6	ug/kg
12672-29-6	Aroclor-1248	3.8	U	3.8	3.8	19.6	ug/kg
11097-69-1	Aroclor-1254	3.8	U	1.7	3.8	19.6	ug/kg
11096-82-5	Aroclor-1260	3.8	U	3.8	3.8	19.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	13.8		10 - 166		69%	SPK: 20
2051-24-3	Decachlorobiphenyl	11.8	*	60 - 125		59%	SPK: 20

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B3(3-5)	SDG No.:	E4600
Lab Sample ID:	E4600-03	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	13.6
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF039724.D	1		11/26/13	VF112613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	0.58	U	0.58	0.58	5.8	ug/Kg
75-35-4	1,1-Dichloroethene	0.58	U	0.58	0.58	5.8	ug/Kg
67-64-1	Acetone	2.9	U	2.9	2.9	28.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.58	U	0.58	0.58	5.8	ug/Kg
75-09-2	Methylene Chloride	18.9		0.58	0.58	5.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.58	U	0.58	0.58	5.8	ug/Kg
75-34-3	1,1-Dichloroethane	0.58	U	0.58	0.58	5.8	ug/Kg
78-93-3	2-Butanone	8.7	U	3.6	8.7	28.9	ug/Kg
56-23-5	Carbon Tetrachloride	0.58	U	0.58	0.58	5.8	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.58	UQ	0.58	0.58	5.8	ug/Kg
67-66-3	Chloroform	0.58	U	0.58	0.58	5.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.58	U	0.58	0.58	5.8	ug/Kg
71-43-2	Benzene	0.58	U	0.44	0.58	5.8	ug/Kg
107-06-2	1,2-Dichloroethane	0.58	U	0.58	0.58	5.8	ug/Kg
79-01-6	Trichloroethene	0.58	U	0.58	0.58	5.8	ug/Kg
108-88-3	Toluene	0.58	U	0.58	0.58	5.8	ug/Kg
127-18-4	Tetrachloroethene	0.58	U	0.58	0.58	5.8	ug/Kg
108-90-7	Chlorobenzene	0.58	U	0.58	0.58	5.8	ug/Kg
100-41-4	Ethyl Benzene	0.58	U	0.58	0.58	5.8	ug/Kg
179601-23-1	m/p-Xylenes	1.2	U	0.83	1.2	11.6	ug/Kg
1330-20-7	Total Xylenes	1.78	U	1.41	1.78	17.4	ug/Kg
95-47-6	o-Xylene	0.58	U	0.58	0.58	5.8	ug/Kg
98-82-8	Isopropylbenzene	0.58	U	0.55	0.58	5.8	ug/Kg
103-65-1	n-propylbenzene	0.58	U	0.42	0.58	5.8	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.58	U	0.52	0.58	5.8	ug/Kg
98-06-6	tert-Butylbenzene	0.58	U	0.58	0.58	5.8	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	0.58	U	0.58	0.58	5.8	ug/Kg
135-98-8	sec-Butylbenzene	0.58	U	0.58	0.58	5.8	ug/Kg
99-87-6	p-Isopropyltoluene	0.58	U	0.33	0.58	5.8	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.58	U	0.43	0.58	5.8	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.58	U	0.47	0.58	5.8	ug/Kg

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B3(3-5)	SDG No.:	E4600
Lab Sample ID:	E4600-03	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	13.6
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF039724.D	1		11/26/13	VF112613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
104-51-8	n-Butylbenzene	0.58	U	0.53	0.58	5.8	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.58	U	0.58	0.58	5.8	ug/Kg
91-20-3	Naphthalene	0.58	U	0.52	0.58	5.8	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.2		56 - 120		94%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		57 - 135		103%	SPK: 50
2037-26-5	Toluene-d8	50.8		67 - 123		102%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.3		33 - 141		91%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	374775	4.86				
540-36-3	1,4-Difluorobenzene	617239	5.59				
3114-55-4	Chlorobenzene-d5	468047	9.76				
3855-82-1	1,4-Dichlorobenzene-d4	162237	12.53				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B1GW	SDG No.:	E4600
Lab Sample ID:	E4600-04	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN010857.D	1		11/25/13	VN112513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	0.5	U	0.34	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	2.5	U	0.5	2.5	25	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	0.5	5	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	0.5	5	ug/L
78-93-3	2-Butanone	2.5	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	0.5	5	ug/L
67-66-3	Chloroform	0.53	J	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	0.75	U	0.4	0.75	5	ug/L
71-43-2	Benzene	0.5	U	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	0.75	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	0.5	5	ug/L
108-88-3	Toluene	0.5	U	0.37	0.5	5	ug/L
127-18-4	Tetrachloroethene	0.45	J	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	1	10	ug/L
1330-20-7	Total Xylenes	1.5	U	1.38	1.5	15	ug/L
95-47-6	o-Xylene	0.5	U	0.43	0.5	5	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	0.5	5	ug/L
103-65-1	n-propylbenzene	0.5	U	0.45	0.5	5	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.5	U	0.46	0.5	5	ug/L
98-06-6	tert-Butylbenzene	0.5	U	0.44	0.5	5	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.5	U	0.38	0.5	5	ug/L
135-98-8	sec-Butylbenzene	0.5	U	0.46	0.5	5	ug/L
99-87-6	p-Isopropyltoluene	0.5	U	0.43	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	0.5	5	ug/L

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B1GW	SDG No.:	E4600
Lab Sample ID:	E4600-04	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN010857.D	1		11/25/13	VN112513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
104-51-8	n-Butylbenzene	0.5	U	0.41	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	0.5	5	ug/L
91-20-3	Naphthalene	0.5	U	0.2	0.5	5	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.6		61 - 141		95%	SPK: 50
1868-53-7	Dibromofluoromethane	49		69 - 133		98%	SPK: 50
2037-26-5	Toluene-d8	46.3		65 - 126		93%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.7		58 - 135		79%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	232309	7.87				
540-36-3	1,4-Difluorobenzene	333152	8.78				
3114-55-4	Chlorobenzene-d5	293661	11.61				
3855-82-1	1,4-Dichlorobenzene-d4	132079	13.56				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B2GW	SDG No.:	E4600
Lab Sample ID:	E4600-05	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN010858.D	1		11/25/13	VN112513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	0.5	U	0.34	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	2.5	U	0.5	2.5	25	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	0.5	5	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	0.5	5	ug/L
78-93-3	2-Butanone	2.5	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	0.5	5	ug/L
67-66-3	Chloroform	0.97	J	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	0.75	U	0.4	0.75	5	ug/L
71-43-2	Benzene	0.5	U	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	0.75	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	0.5	U	0.28	0.5	5	ug/L
108-88-3	Toluene	0.5	U	0.37	0.5	5	ug/L
127-18-4	Tetrachloroethene	0.64	J	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	1	10	ug/L
1330-20-7	Total Xylenes	1.5	U	1.38	1.5	15	ug/L
95-47-6	o-Xylene	0.5	U	0.43	0.5	5	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	0.5	5	ug/L
103-65-1	n-propylbenzene	0.5	U	0.45	0.5	5	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.5	U	0.46	0.5	5	ug/L
98-06-6	tert-Butylbenzene	0.5	U	0.44	0.5	5	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.5	U	0.38	0.5	5	ug/L
135-98-8	sec-Butylbenzene	0.5	U	0.46	0.5	5	ug/L
99-87-6	p-Isopropyltoluene	0.5	U	0.43	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	0.5	5	ug/L

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B2GW	SDG No.:	E4600
Lab Sample ID:	E4600-05	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN010858.D	1		11/25/13	VN112513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
104-51-8	n-Butylbenzene	0.5	U	0.41	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	0.5	5	ug/L
91-20-3	Naphthalene	0.5	U	0.2	0.5	5	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	46.7		61 - 141		93%	SPK: 50
1868-53-7	Dibromofluoromethane	48.3		69 - 133		97%	SPK: 50
2037-26-5	Toluene-d8	46.8		65 - 126		94%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.9		58 - 135		80%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	236307	7.87				
540-36-3	1,4-Difluorobenzene	333189	8.79				
3114-55-4	Chlorobenzene-d5	295743	11.61				
3855-82-1	1,4-Dichlorobenzene-d4	134556	13.56				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B3GW	SDG No.:	E4600
Lab Sample ID:	E4600-06	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN010859.D	1		11/25/13	VN112513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	0.5	U	0.34	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	0.5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	2.5	U	0.5	2.5	25	ug/L
1634-04-4	Methyl tert-butyl Ether	0.5	U	0.35	0.5	5	ug/L
75-09-2	Methylene Chloride	0.5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	0.5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	0.5	U	0.36	0.5	5	ug/L
78-93-3	2-Butanone	2.5	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	0.5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	0.5	U	0.35	0.5	5	ug/L
67-66-3	Chloroform	0.46	J	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	0.75	U	0.4	0.75	5	ug/L
71-43-2	Benzene	0.5	U	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	0.75	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	0.89	J	0.28	0.5	5	ug/L
108-88-3	Toluene	0.5	U	0.37	0.5	5	ug/L
127-18-4	Tetrachloroethene	1.9	J	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	0.5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	0.5	U	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	1	U	0.95	1	10	ug/L
1330-20-7	Total Xylenes	1.5	U	1.38	1.5	15	ug/L
95-47-6	o-Xylene	0.5	U	0.43	0.5	5	ug/L
98-82-8	Isopropylbenzene	0.5	U	0.45	0.5	5	ug/L
103-65-1	n-propylbenzene	0.5	U	0.45	0.5	5	ug/L
108-67-8	1,3,5-Trimethylbenzene	0.5	U	0.46	0.5	5	ug/L
98-06-6	tert-Butylbenzene	0.5	U	0.44	0.5	5	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.5	U	0.38	0.5	5	ug/L
135-98-8	sec-Butylbenzene	0.5	U	0.46	0.5	5	ug/L
99-87-6	p-Isopropyltoluene	0.5	U	0.43	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.5	U	0.32	0.5	5	ug/L

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	GFE LLC	Date Collected:	11/22/13
Project:	76 Ainslie St.	Date Received:	11/25/13
Client Sample ID:	B3GW	SDG No.:	E4600
Lab Sample ID:	E4600-06	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN010859.D	1		11/25/13	VN112513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
104-51-8	n-Butylbenzene	0.5	U	0.41	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.5	U	0.45	0.5	5	ug/L
91-20-3	Naphthalene	0.5	U	0.2	0.5	5	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	46.8		61 - 141		94%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		69 - 133		98%	SPK: 50
2037-26-5	Toluene-d8	47.1		65 - 126		94%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.7		58 - 135		79%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	235013	7.87				
540-36-3	1,4-Difluorobenzene	332959	8.79				
3114-55-4	Chlorobenzene-d5	295022	11.61				
3855-82-1	1,4-Dichlorobenzene-d4	130457	13.56				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

Photograph 1: View of the Site building looking south from Ainslie Street.

Photograph 2: View of the Site building interior looking south from near the loading dock entrance.

Photograph 3: Typical fill and sediment types encountered in the borings

Photograph 4: Installation of B1 shown.

MERRITT ENVIRONMENTAL CONSULTING CORP. **77 Arkay Dr., Suite D** **Hauppauge, NY 11788** **631.617.3200**		Boring No. **B1**
	Project Number: 2468	Boring location: **Building interior** **(see site plan)**
Driller: **HTE** Geologist: **Frank Galdun**	Location: 76 Ainslie St. Brooklyn, NY	
Groundwater Observations: Wet at app. 18	Geoprobe with 5-foot casing sampler Type: Track-mounted Size I.D. 2" Hammer wt. N/A Hammer Fall: N/A	Date Start : 11/22/13 Date Complete : 11/22/13 Surface Elev. : N/A Groundwater Elev.: N/A

Depth feet	Sample #	Sample Type	Blows per 6 " 0-6	6-12	12-18	density moisture	PID	Field Identification of soil Remarks
0'-5'	N/A	N/A	N/A	N/A	N/A	Dry	0.0 0.0	20% recovery. Loose fill (concrete, rock, sand). No odor
5'-10'						Dry	0.0 0.0	70% recovery. Fill (sand, brick, cinders) to 9'. Med/fine brown sand minor silt 9'-10'. No odor
10'-15'						Dry	0.0 0.0	Brown fine sandy clay grading to light brown clay/silt minor sand. No odor.
15'-20'						Wet	0.0 0.0	70% recovery. Light brown fine sand and clay to 17'. Coarse wet sand 17'-20'
								End of Boring 20'. Groundwater samplin g screen set at 25'-15'.

ground surface to _____ft. used_____ casing then_____casing to _____ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10%

C= coarse M=medium F=fine

MERRITT ENVIRONMENTAL CONSULTING CORP. **77 Arkay Dr., Suite D** **Hauppauge, NY 11788** **631.617.3200**		Boring No. **B2**
	Project Number: 2468	Boring location: **Building interior** **(see site plan)**
Driller: **HTE** Geologist: **Frank Galdun**	Location: 76 Ainslie St. Brooklyn, NY	
Groundwater Observations: Wet at app. 18	Geoprobe with 5-foot casing sampler Type: Track-mounted Size I.D. 2" Hammer wt. N/A Hammer Fall: N/A	Date Start : 11/22/13 Date Complete : 11/22/13 Surface Elev. : N/A Groundwater Elev.: N/A

Depth feet	Sample #	Sample Type	Blows per 6 " 0-6	6-12	12-18	density moisture	PID	Field Identification of soil Remarks
0'-5'	N/A	N/A	N/A	N/A	N/A	Dry	0.0 0.0	20% recovery. Fill (sand, concrete, cinders). No odor.
5'-10'						Dry	0.0 0.0	70% recovery. Fill (sand, rock, cinders) to 9.5'. Native sediemny)med. sand) at bottom. No odor,
								End of Boring 11' with refusal on apparent rock. Groundwater sampling tube driven through obstacle directly to 25' for water sampling. Screen set at 15'-25'.

ground surface to _____ft. used_____ casing then_____casing to _____ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10%

C= coarse M=medium F=fine

MERRITT ENVIRONMENTAL CONSULTING CORP. **77 Arkay Dr., Suite D** **Hauppauge, NY 11788** **631.617.3200**		Boring No. **B3**
	Project Number: 2468	Boring location: **Building interior** **(see site plan)**
Driller: **HTE** Geologist: **Frank Galdun**	Location: 76 Ainslie St. Brooklyn, NY	
Groundwater Observations: Wet at app. 18	Geoprobe with 5-foot casing sampler Type: Track-mounted Size I.D. 2" Hammer wt. N/A Hammer Fall: N/A	Date Start : 11/22/13 Date Complete : 11/22/13 Surface Elev. : N/A Groundwater Elev.: N/A

Depth feet	Sample #	Sample Type	Blows per 6 " 0-6	6-12	12-18	density moisture	PID	Field Identification of soil Remarks
0'-5'	N/A	N/A	N/A	N/A	N/A	Dry	0.0 0.0	60% recovery. Fill (sand, rock concrete, crushed brick, cinders). No odor
5'-10'						Dry	0.0 0.0	35% recovery. Fill (sand, rock, cinders). No odor
10'-15'						Dry	0.0 0.0	10% recovery. Brown medium sand No odor.
15'-20'						Wet	0.0 0.0	100% recovery. Light brown fine sand and silt.
								End of Boring 20'. Groundwater samplin g screen set at 25'-15'.

ground surface to _____ft. used_____ casing then_____casing to _____ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10%

C= coarse M=medium F=fine

Appendix B

Site-Specific Health and Safety Plan

Site Specific
Health and Safety Plan
(To be used in conjunction with the Corporate Health and Safety Plan)

BACKGROUND INFORMATION

Site Name: 76 Ainslie Street

Site Address: 76 Ainslie Street, Brooklyn NY 11211

Site Nearest Phone: Liberty Field Staff Cell (R. Rosenbaum): 917-690-6778

Project Manager: James P. Cinelli, P.E., BCEE

Liberty Personnel On-Site: Raphael Rosenbaum

Scope of Project: Installation of 4 soil borings to a maximum completion depth of 15 feet bgs. Soil samples will be collected from the 0-2' and 13-15' inverval and submitted for laboratory analysis of TCL-VOCs, TCL-SVOCs, TAL Metals, Pesticides, & PCBs. 1 additional sample of soil will be collected from the proposed basement footprint for waste characterization as follows: RCRA Characteristics and TCLP Metals.

HAZARD IDENTIFICATION

Site Physical Hazards (i.e. equipment, layout, temperature, etc.):

Utilities, drilling equipment; underground and cold weather; heavy metals in soil; slips Trips and falls

Is a Dig One Call Required? Yes

If YES, Enter Serial #: 160071453
Completed by R.Rosenbaum/Liberty Environmental

Active Dig Dates: 01/13/2016 through 01/23/2016

Site Chemical Hazards (i.e. chemicals or compounds):

Volatile Organic Compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), and heavy metals

Primary Chemical(s) of Concern (list not inclusive):
Arsenic, barium, chromium, lead, mercury, methylene chloride, PAHs, (NIOSH Guide Data Sheet for each chemical is attached)

Will there be any confined space entry? No

(If YES, Confined Space Permit MUST be attached to this plan)

Routes of Potential Exposure (i.e. dermal, inhalation, ingestion):
Potential inhalation of volatile organic vapors and possible dermal contact with impacted soils and groundwater.

Monitoring Equipment: PID for use in screening soils and to check breathing zone conditions.

Level of Protection (PPE): Level D (modified) – May include: latex or nitrile gloves; hardhat; long-sleeved shirt and long pants; eye protection; hearing protection; work gloves; and safety boots.

Respiratory Protection: If ambient air in the breathing zone continuously exceeds 10 ppm, the site will be evaluated and engineering controls will be utilized; however, PPE requirements may be upgraded to level C.

Nearest Hospital: Woodhull Medical Center
Phone: **(718) 963-8000** (911 for Emergency)
(Attach Map) See Attached

Driving Directions to Hospital Emergency Room:
Exit right onto Ainslie Street, toward Union Avenue (0.2 mi). Turn right at the third cross street onto Leonard Street (0.7 mi). Turn left onto Broadway (0.3 mi). The entrance to Woodhull Medical Center is on the right. The last intersection is Marcus Garvey Boulevard. If you reach Fayette Street, you've gone too far.

Total Distance 1.2 miles, Drive Time ~6 minutes

Emergency Contacts:

NYCDEP Spill Report: 311 (within any borough of NYC); 212-639-9675 (outside NYC)

Other State Agency: _____
(If Applicable) _____
Liberty Office Phone: 610-375-9301

EPA Emergency Response 1-800-424-8802 – National Response Center
Chemtrec: 1-800-424-9300

HASP Prepared By: RRRosenbaum

Liberty Project Manager Approval: _____

SUBCONTRACTOR EMPLOYEE ACKNOWLEDGEMENTS:

I have read this Site-Specific Health and Safety Plan and fully understand its contents. I agree to comply with my employer's Corporate Health and Safety Plan and Site-Specific Health and Safety Plan for this site.

Signature	Date

Google Maps

76 Ainslie Street, Brooklyn, NY to Woodhull Medical Center

Drive 1.2 miles, 8 min

Imagery ©2016 Google, Map data ©2016 Google 1000 ft

76 Ainslie St

Brooklyn, NY 11211

1. Head southeast on Ainslie St toward Union Ave — 0.2 mi
2. Turn right at the 3rd cross street onto Leonard St — 0.7 mi
3. Turn left onto Broadway — 0.3 mi

   Destination will be on the right

Woodhull Medical Center

760 Broadway, Brooklyn, NY 11206

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

Centers for Disease Control and Prevention
CDC 24/7: Saving Lives. Protecting People.™

Search the NIOSH Pocket Guide

SEARCH

Enter search terms separated by spaces.

Arsenic (organic compounds, as As)

Synonyms & Trade Names Synonyms vary depending upon the specific organic arsenic compound.

CAS No.	RTECS No.	DOT ID & Guide
	Conversion	IDLH N.D. See: IDLH INDEX (/niosh/idlh/intridl4.html)

Exposure Limits	Measurement Methods
NIOSH REL : none OSHA PEL : TWA 0.5 mg/m3	NIOSH 5022 (/niosh/docs/2003-154/pdfs/5022.pdf) See: NMAM (/niosh/docs/2003-154/) or OSHA Methods (http://www.osha.gov/dts/sltc/methods/index.html) (http://www.cdc.gov/Other/disclaimer.html)

Physical Description Appearance and odor vary depending upon the specific organic arsenic compound.

Properties vary depending upon the specific organic arsenic compound.					

Incompatibilities & Reactivities Varies

Exposure Routes inhalation, ingestion, skin and/or eye contact

Symptoms In animals: irritation skin, possible dermatitis; resp distress; diarrhea; kidney damage; muscle tremor, convulsions; possible gastrointestinal tract, reproductive effects; possible liver damage

Target Organs Skin, respiratory system, kidneys, central nervous system, liver, gastrointestinal tract, reproductive system

Personal Protection/Sanitation	First Aid
(See protection codes (protect.html)) Recommendations regarding personal	(See procedures (firstaid.html)) Eye: Irrigate immediately Skin: Soap wash immediately

protective clothing vary depending upon the specific compound. Recommendations regarding eye protection vary depending upon the specific compound. Recommendations regarding washing the skin vary depending upon the specific compound. Recommendations regarding the removal of personal protective clothing that becomes wet or contaminated vary depending upon the specific compound. Recommendations regarding the daily changing of personal protective clothing vary depending upon the specific compound. Recommendations regarding the need for eyewash or quick drench facilities vary depending upon the specific compound.	Breathing: Respiratory support Swallow: Medical attention immediately

Respirator Recommendations

Not available.

Important additional information about respirator selection (pgintrod.html#mustread)

See also: INTRODUCTION (/niosh/npg/pgintrod.html)

Page last reviewed: April 4, 2011
Page last updated: February 13, 2015
Content source: National Institute for Occupational Safety and Health (NIOSH) Education and Information Division

Centers for Disease Control and Prevention 1600 Clifton Road Atlanta, GA 30329-4027, USA
800-CDC-INFO (800-232-4636) TTY: (888) 232-6348 - Contact CDC–INFO

Centers for Disease Control and Prevention
CDC 24/7: Saving Lives. Protecting People.™

Search the NIOSH Pocket Guide

SEARCH

Enter search terms separated by spaces.

Barium nitrate (as Ba)

Synonyms & Trade Names Barium dinitrate, Barium(II) nitrate (1:2), Barium salt of nitric acid

CAS No. 10022-31-8	RTECS No. CQ9625000 (/niosh-rtecs/CQ92DDA8.html)	DOT ID & Guide 1446 141 (http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx/guide141/) (http://www.cdc.gov/Other/disclaimer.html)
Formula $Ba(NO_3)_2$	Conversion	IDLH 50 mg/m3 (as Ba) See: IDLH INDEX (/niosh/idlh/intridl4.html)

Exposure Limits NIOSH REL *: TWA 0.5 mg/m3 [*Note: The REL also applies to other soluble barium compounds (as Ba) except Barium sulfate.] OSHA PEL *: TWA 0.5 mg/m3 [*Note: The PEL also applies to other soluble barium compounds (as Ba) except Barium sulfate.]	Measurement Methods NIOSH 7056 (/niosh/docs/2003-154/pdfs/7056.pdf); OSHA ID121 (http://www.osha.gov/dts/sltc/methods/inorganic/id121/id121.html) (http://www.cdc.gov/Other/disclaimer.html) See: NMAM (/niosh/docs/2003-154/) or OSHA Methods (http://www.osha.gov/dts/sltc/methods/index.html) (http://www.cdc.gov/Other/disclaimer.html)

Physical Description White, odorless solid.

MW: 261.4	BP: Decomposes	MLT: 1094°F	Sol: 9%	VP: Low	IP: ?
Sp.Gr: 3.24	Fl.P: NA	UEL: NA	LEL: NA		

Noncombustible Solid, but will accelerate the burning of combustible materials.

Incompatibilities & Reactivities Acids, oxidizers, aluminum-magnesium alloys, (barium dioxide + zinc) [Note: Contact with combustible material may cause fire.]

Exposure Routes inhalation, ingestion, skin and/or eye contact

Symptoms irritation eyes, skin, upper respiratory system; skin burns; gastroenteritis; muscle spasm; slow pulse, extrasystoles; hypokalemia

Target Organs Eyes, skin, respiratory system, heart, central nervous system

Personal Protection/Sanitation (See protection codes (protect.html)) Skin: Prevent skin contact Eyes: Prevent eye contact Wash skin: When contaminated Remove: When wet or contaminated Change: Daily	First Aid (See procedures (firstaid.html)) Eye: Irrigate immediately Skin: Water flush immediately Breathing: Respiratory support Swallow: Medical attention immediately

Respirator Recommendations

NIOSH/OSHA

Up to 5 mg/m3:
(APF = 10) Any particulate respirator equipped with an N95, R95, or P95 filter (including N95, R95, and P95 filtering facepieces) except quarter-mask respirators. The following filters may also be used: N99, R99, P99, N100, R100, P100.
Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.
(APF = 10) Any supplied-air respirator

Up to 12.5 mg/m3:
(APF = 25) Any supplied-air respirator operated in a continuous-flow mode
(APF = 25) Any powered, air-purifying respirator with a high-efficiency particulate filter.

Up to 25 mg/m3:
(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter.
Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.
(APF = 50) Any supplied-air respirator that has a tight-fitting facepiece and is operated in a continuous-flow mode
(APF = 50) Any powered, air-purifying respirator with a tight-fitting facepiece and a high-efficiency particulate filter
(APF = 50) Any self-contained breathing apparatus with a full facepiece
(APF = 50) Any supplied-air respirator with a full facepiece

Up to 50 mg/m3:
(APF = 2000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

Emergency or planned entry into unknown concentrations or IDLH conditions:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:
(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter.
Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also: INTRODUCTION (/niosh/npg/pgintrod.html) See ICSC CARD: 1480 (/niosh/ipcsneng/neng1480.html)

Page last reviewed: April 4, 2011
Page last updated: February 13, 2015
Content source: National Institute for Occupational Safety and Health (NIOSH) Education and Information Division

Centers for Disease Control and Prevention 1600 Clifton Road Atlanta, GA 30329-4027, USA
800-CDC-INFO (800-232-4636) TTY: (888) 232-6348 - Contact CDC–INFO

Centers for Disease Control and Prevention
CDC 24/7: Saving Lives. Protecting People.™

Search the NIOSH Pocket Guide

SEARCH

Enter search terms separated by spaces.

Chromium metal

Synonyms & Trade Names	Chrome, Chromium	
CAS No. 7440-47-3	RTECS No. GB4200000 (/niosh-rtecs/GB401640.html)	DOT ID & Guide
Formula Cr	Conversion	IDLH 250 mg/m3 (as Cr) See: 7440473 (/niosh/idlh/7440473.html)
Exposure Limits NIOSH REL : TWA 0.5 mg/m3 See Appendix C (nengapdxc.html) OSHA PEL *: TWA 1 mg/m3 See Appendix C (nengapdxc.html) [*Note: The PEL also applies to insoluble chromium salts.]		Measurement Methods NIOSH 7024 (/niosh/docs/2003-154/pdfs/7024.pdf), 7300 (/niosh/docs/2003-154/pdfs/7300.pdf), 7301 (/niosh/docs/2003-154/pdfs/7301.pdf), 7303 (/niosh/docs/2003-154/pdfs/7303.pdf), 9102 (/niosh/docs/2003-154/pdfs/9102.pdf); OSHA ID121 (http://www.osha.gov/dts/sltc/methods/inorganic/id121/id121.html) (http://www.cdc.gov/Other/disclaimer.html), ID125G (http://www.osha.gov/dts/sltc/methods/inorganic/id125g/id125g.html) (http://www.cdc.gov/Other/disclaimer.html) See: NMAM (/niosh/docs/2003-154/) or OSHA Methods (http://www.osha.gov/dts/sltc/methods/index.html) (http://www.cdc.gov/Other/disclaimer.html)

Physical Description	Blue-white to steel-gray, lustrous, brittle, hard, odorless solid.				
MW: 52.0	BP: 4788°F	MLT: 3452°F	Sol: Insoluble	VP: 0 mmHg (approx)	IP: NA
Sp.Gr: 7.14	Fl.P: NA	UEL: NA	LEL: NA		

Noncombustible Solid in bulk form, but finely divided dust burns rapidly if heated in a flame.

Incompatibilities & Reactivities	Strong oxidizers (such as hydrogen peroxide), alkalis
Exposure Routes	inhalation, ingestion, skin and/or eye contact
Symptoms	irritation eyes, skin; lung fibrosis (histologic)
Target Organs	Eyes, skin, respiratory system

Personal Protection/Sanitation (See protection codes (protect.html))	First Aid (See procedures (firstaid.html)) Eye: Irrigate immediately

Skin: No recommendation Eyes: No recommendation Wash skin: No recommendation Remove: No recommendation Change: No recommendation	Skin: Soap wash Breathing: Respiratory support Swallow: Medical attention immediately

Respirator Recommendations

NIOSH

Up to 2.5 mg/m3:
(APF = 5) Any quarter-mask respirator.
Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.*

Up to 5 mg/m3:
(APF = 10) Any particulate respirator equipped with an N95, R95, or P95 filter (including N95, R95, and P95 filtering facepieces) except quarter-mask respirators. The following filters may also be used: N99, R99, P99, N100, R100, P100.
Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.*
(APF = 10) Any supplied-air respirator*

Up to 12.5 mg/m3:
(APF = 25) Any supplied-air respirator operated in a continuous-flow mode*
(APF = 25) Any powered, air-purifying respirator with a high-efficiency particulate filter.*

Up to 25 mg/m3:
(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter.
Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.
(APF = 50) Any powered, air-purifying respirator with a tight-fitting facepiece and a high-efficiency particulate filter*
(APF = 50) Any self-contained breathing apparatus with a full facepiece
(APF = 50) Any supplied-air respirator with a full facepiece

Up to 250 mg/m3:
(APF = 2000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

Emergency or planned entry into unknown concentrations or IDLH conditions:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:
(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter.
Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also: INTRODUCTION (/niosh/npg/pgintrod.html) See ICSC CARD: 0029 (/niosh/ipcsneng/neng0029.html)

Page last reviewed: April 4, 2011
Page last updated: February 13, 2015
Content source: National Institute for Occupational Safety and Health (NIOSH) Education and Information Division

Centers for Disease Control and Prevention 1600 Clifton Road Atlanta, GA 30329-4027, USA
800-CDC-INFO (800-232-4636) TTY: (888) 232-6348 - Contact CDC–INFO

Centers for Disease Control and Prevention
CDC 24/7: Saving Lives. Protecting People.™

Search the NIOSH Pocket Guide

SEARCH

Enter search terms separated by spaces.

Lead

Synonyms & Trade Names	Lead metal, Plumbum

CAS No.	RTECS No.	DOT ID & Guide
7439-92-1	OF7525000 (/niosh-rtecs/OF72D288.html)	

Formula	Conversion	IDLH
Pb		100 mg/m3 (as Pb) See: 7439921 (/niosh/idlh/7439921.html)

Exposure Limits	Measurement Methods
NIOSH REL *: TWA (8-hour) 0.050 mg/m3 See Appendix C (nengapdxc.html) [*Note: The REL also applies to other lead compounds (as Pb) -- see Appendix C.] OSHA PEL *: [1910.1025] TWA 0.050 mg/m3 See Appendix C (nengapdxc.html) [*Note: The PEL also applies to other lead compounds (as Pb) -- see Appendix C.]	NIOSH 7082 (/niosh/docs/2003-154/pdfs/7082.pdf), 7105 (/niosh/docs/2003-154/pdfs/7105.pdf), 7300 (/niosh/docs/2003-154/pdfs/7300.pdf), 7301 (/niosh/docs/2003-154/pdfs/7301.pdf), 7303 (/niosh/docs/2003-154/pdfs/7303.pdf), 7700 (/niosh/docs/2003-154/pdfs/7700.pdf), 7701 (/niosh/docs/2003-154/pdfs/7701.pdf), 7702 (/niosh/docs/2003-154/pdfs/7702.pdf), 9100 (/niosh/docs/2003-154/pdfs/9100.pdf), 9102 (/niosh/docs/2003-154/pdfs/9102.pdf), 9105 (/niosh/docs/2003-154/pdfs/9105.pdf); OSHA ID121 (http://www.osha.gov/dts/sltc/methods/inorganic/id121/id121.html) (http://www.cdc.gov/Other/disclaimer.html), ID125G (http://www.osha.gov/dts/sltc/methods/inorganic/id125g/id125g.html) (http://www.cdc.gov/Other/disclaimer.html), ID206 (http://www.osha.gov/dts/sltc/methods/inorganic/id206/id206.html) (http://www.cdc.gov/Other/disclaimer.html) See: NMAM (/niosh/docs/2003-154/) or OSHA Methods (http://www.osha.gov/dts/sltc/methods/index.html) (http://www.cdc.gov/Other/disclaimer.html)

Physical Description
A heavy, ductile, soft, gray solid.

MW:	BP:	MLT:	Sol:	VP:	IP:
207.2	3164°F	621°F	Insoluble	0 mmHg (approx)	NA

Sp.Gr:	Fl.P:	UEL:	LEL:
11.34	NA	NA	NA

Noncombustible Solid in bulk form.

Incompatibilities & Reactivities
Strong oxidizers, hydrogen peroxide, acids

Exposure Routes
inhalation, ingestion, skin and/or eye contact

Symptoms lassitude (weakness, exhaustion), insomnia; facial pallor; anorexia, weight loss, malnutrition; constipation, abdominal pain, colic; anemia; gingival lead line; tremor; paralysis wrist, ankles; encephalopathy; kidney disease; irritation eyes; hypertension

Target Organs Eyes, gastrointestinal tract, central nervous system, kidneys, blood, gingival tissue

Personal Protection/Sanitation (See protection codes (protect.html))
Skin: Prevent skin contact
Eyes: Prevent eye contact
Wash skin: Daily
Remove: When wet or contaminated
Change: Daily

First Aid (See procedures (firstaid.html))
Eye: Irrigate immediately
Skin: Soap flush promptly
Breathing: Respiratory support
Swallow: Medical attention immediately

Respirator Recommendations
(See Appendix E) (nengapdxe.html)
NIOSH/OSHA

Up to 0.5 mg/m3:
(APF = 10) Any air-purifying respirator with an N100, R100, or P100 filter (including N100, R100, and P100 filtering facepieces) except quarter-mask respirators.
Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.
(APF = 10) Any supplied-air respirator

Up to 1.25 mg/m3:
(APF = 25) Any supplied-air respirator operated in a continuous-flow mode
(APF = 25) Any powered, air-purifying respirator with a high-efficiency particulate filter.

Up to 2.5 mg/m3:
(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter.
Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.
(APF = 50) Any supplied-air respirator that has a tight-fitting facepiece and is operated in a continuous-flow mode
(APF = 50) Any powered, air-purifying respirator with a tight-fitting facepiece and a high-efficiency particulate filter
(APF = 50) Any self-contained breathing apparatus with a full facepiece
(APF = 50) Any supplied-air respirator with a full facepiece

Up to 50 mg/m3:
(APF = 1000) Any supplied-air respirator operated in a pressure-demand or other positive-pressure mode

Up to 100 mg/m3:
(APF = 2000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode

Emergency or planned entry into unknown concentrations or IDLH conditions:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:
(APF = 50) Any air-purifying, full-facepiece respirator with an N100, R100, or P100 filter.
Click here (pgintrod.html#nrp) for information on selection of N, R, or P filters.
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also: INTRODUCTION (/niosh/npg/pgintrod.html) See ICSC CARD: 0052 (/niosh/ipcsneng/neng0052.html) See MEDICAL TESTS: 0127 (/niosh/docs/2005-110/nmed0127.html)

Page last reviewed: April 4, 2011
Page last updated: February 13, 2015
Content source: National Institute for Occupational Safety and Health (NIOSH) Education and Information Division

Centers for Disease Control and Prevention 1600 Clifton Road Atlanta, GA 30329-4027, USA
800-CDC-INFO (800-232-4636) TTY: (888) 232-6348 - Contact CDC–INFO

Centers for Disease Control and Prevention
CDC 24/7: Saving Lives. Protecting People.™

Search the NIOSH Pocket Guide

SEARCH

Enter search terms separated by spaces.

Mercury compounds [except (organo) alkyls] (as Hg)

Synonyms & Trade Names Mercury metal: Colloidal mercury, Metallic mercury, Quicksilver
Synonyms of "other" Hg compounds vary depending upon the specific compound.

CAS No. 7439-97-6 (metal)	RTECS No. OV4550000 (metal) (/niosh-rtecs/OV456D70.html)	DOT ID & Guide 2809 172 (http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx/guide172/) (http://www.cdc.gov/Other/disclaimer.html) (metal)
Formula Hg (metal)	Conversion	IDLH 10 mg/m3 (as Hg) See: 7439976 (/niosh/idlh/7439976.html)
Exposure Limits NIOSH REL : Hg Vapor: TWA 0.05 mg/m3 [skin] Other: C 0.1 mg/m3 [skin] OSHA PEL † (nengapdxg.html) : TWA 0.1 mg/m3		Measurement Methods NIOSH 6009 (/niosh/docs/2003-154/pdfs/6009.pdf) ; OSHA ID140 (http://www.osha.gov/dts/sltc/methods/inorganic/id140/id140.html) (http://www.cdc.gov/Other/disclaimer.html) See: NMAM (/niosh/docs/2003-154/) or OSHA Methods (http://www.osha.gov/dts/sltc/methods/index.html) (http://www.cdc.gov/Other/disclaimer.html)

Physical Description Metal: Silver-white, heavy, odorless liquid. [Note: "Other" Hg compounds include all inorganic & aryl Hg compounds except (organo) alkyls.]

MW: 200.6	BP: 674°F	FRZ: -38°F	Sol: Insoluble	VP: 0.0012 mmHg	IP: ?
Sp.Gr: 13.6 (metal)	Fl.P: NA	UEL: NA	LEL: NA		

Metal: Noncombustible Liquid

Incompatibilities & Reactivities Acetylene, ammonia, chlorine dioxide, azides, calcium (amalgam formation), sodium carbide, lithium, rubidium, copper

Exposure Routes inhalation, skin absorption, ingestion, skin and/or eye contact

Symptoms irritation eyes, skin; cough, chest pain, dyspnea (breathing difficulty), bronchitis, pneumonitis; tremor, insomnia, irritability, indecision, headache, lassitude (weakness, exhaustion); stomatitis, salivation; gastrointestinal disturbance, anorexia, weight loss; proteinuria

Target Organs Eyes, skin, respiratory system, central nervous system, kidneys

Personal Protection/Sanitation (See protection codes (protect.html))	First Aid (See procedures (firstaid.html))
Skin: Prevent skin contact Eyes: No recommendation Wash skin: When contaminated Remove: When wet or contaminated Change: Daily	Eye: Irrigate immediately Skin: Soap wash promptly Breathing: Respiratory support Swallow: Medical attention immediately

Respirator Recommendations

Mercury vapor:

NIOSH

Up to 0.5 mg/m3:
(APF = 10) Any chemical cartridge respirator with cartridge(s) providing protection against the compound of concern†
(APF = 10) Any supplied-air respirator

Up to 1.25 mg/m3:
(APF = 25) Any supplied-air respirator operated in a continuous-flow mode
(APF = 25) Any powered, air-purifying respirator with cartridge(s) providing protection against the compound of concern†(canister)

Up to 2.5 mg/m3:
(APF = 50) Any chemical cartridge respirator with a full facepiece and cartridge(s) providing protection against the compound of concern†
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted canister providing protection against the compound of concern†
(APF = 50) Any supplied-air respirator that has a tight-fitting facepiece and is operated in a continuous-flow mode
(APF = 50) Any powered, air-purifying respirator with a tight-fitting facepiece and cartridge(s) providing protection against the compound of concern(canister)
(APF = 50) Any self-contained breathing apparatus with a full facepiece
(APF = 50) Any supplied-air respirator with a full facepiece

Up to 10 mg/m3:
(APF = 1000) Any supplied-air respirator operated in a pressure-demand or other positive-pressure mode

Emergency or planned entry into unknown concentrations or IDLH conditions:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted canister providing protection against the compound of concern
Any appropriate escape-type, self-contained breathing apparatus

Other mercury compounds: NIOSH/OSHA

Up to 1 mg/m3:
(APF = 10) Any chemical cartridge respirator with cartridge(s) providing protection against the compound of concern†

(APF = 10) Any supplied-air respirator

Up to 2.5 mg/m3:
(APF = 25) Any supplied-air respirator operated in a continuous-flow mode
(APF = 25) Any powered, air-purifying respirator with cartridge(s) providing protection against the compound of concern†(canister)

Up to 5 mg/m3:
(APF = 50) Any chemical cartridge respirator with a full facepiece and cartridge(s) providing protection against the compound of concern†
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted canister providing protection against the compound of concern†
(APF = 50) Any supplied-air respirator that has a tight-fitting facepiece and is operated in a continuous-flow mode
(APF = 50) Any powered, air-purifying respirator with a tight-fitting facepiece and cartridge(s) providing protection against the compound of concern(canister)
(APF = 50) Any self-contained breathing apparatus with a full facepiece
(APF = 50) Any supplied-air respirator with a full facepiece

Up to 10 mg/m3:
(APF = 1000) Any supplied-air respirator operated in a pressure-demand or other positive-pressure mode

Emergency or planned entry into unknown concentrations or IDLH conditions:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:
(APF = 50) Any air-purifying, full-facepiece respirator (gas mask) with a chin-style, front- or back-mounted canister providing protection against the compound of concern
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also: INTRODUCTION (/niosh/npg/pgintrod.html) See ICSC CARD: 0056 (/niosh/ipcsneng/neng0056.html) See MEDICAL TESTS: 0136 (/niosh/docs/2005-110/nmed0136.html)

Page last reviewed: April 4, 2011
Page last updated: February 13, 2015
Content source: National Institute for Occupational Safety and Health (NIOSH) Education and Information Division

Centers for Disease Control and Prevention 1600 Clifton Road Atlanta, GA 30329-4027, USA
800-CDC-INFO (800-232-4636) TTY: (888) 232-6348 - Contact CDC–INFO

Centers for Disease Control and Prevention
CDC 24/7: Saving Lives. Protecting People.™

Search the NIOSH Pocket Guide

SEARCH

Enter search terms separated by spaces.

Methyl chloride

Synonyms & Trade Names Chloromethane, Monochloromethane

CAS No. 74-87-3	RTECS No. PA6300000 (/niosh-rtecs/PA602160.html)	DOT ID & Guide 1063 115 (http://wwwapps.tc.gc.ca/saf-sec-sur/3/erg-gmu/erg/guidepage.aspx/guide115/) (http://www.cdc.gov/Other/disclaimer.html)
Formula CH_3Cl	Conversion 1 ppm = 2.07 mg/m3	IDLH Ca [2000 ppm] See: 74873 (/niosh/idlh/74873.html)
Exposure Limits NIOSH REL : Ca See Appendix A (nengapdxa.html) OSHA PEL † (nengapdxg.html) : TWA 100 ppm C 200 ppm 300 ppm (5-minute maximum peak in any 3 hours)		Measurement Methods NIOSH 1001 (/niosh/docs/2003-154/pdfs/1001.pdf) See: NMAM (/niosh/docs/2003-154/) or OSHA Methods (http://www.osha.gov/dts/sltc/methods/index.html) (http://www.cdc.gov/Other/disclaimer.html)

Physical Description Colorless gas with a faint, sweet odor which is not noticeable at dangerous concentrations. [Note: Shipped as a liquefied compressed gas.]

MW: 50.5	BP: -12°F	FRZ: -144°F	Sol: 0.5%	VP: 5.0 atm	IP: 11.28 eV
	Fl.P: NA (Gas)	UEL: 17.4%	LEL: 8.1%	RGasD: 1.78	

Flammable Gas

Incompatibilities & Reactivities Chemically-active metals such as potassium, powdered aluminum, zinc & magnesium; water [Note: Reacts with water (hydrolyzes) to form hydrochloric acid.]

Exposure Routes inhalation, skin and/or eye contact (liquid)

Symptoms dizziness, nausea, vomiting; visual disturbance, stagger, slurred speech, convulsions, coma; liver, kidney damage; liquid: frostbite; reproductive, teratogenic effects; [potential occupational carcinogen]

Target Organs central nervous system, liver, kidneys, reproductive system

Cancer Site [in animals: lung, kidney & forestomach tumors]

Personal Protection/Sanitation (See protection codes (protect.html))
Skin: Frostbite
Eyes: Frostbite
Wash skin: No recommendation
Remove: When wet (flammable)
Change: No recommendation
Provide: Frostbite wash

First Aid (See procedures (firstaid.html))
Eye: Frostbite
Skin: Frostbite
Breathing: Respiratory support

Respirator Recommendations

NIOSH

At concentrations above the NIOSH REL, or where there is no REL, at any detectable concentration:
(APF = 10,000) Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode
(APF = 10,000) Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained positive-pressure breathing apparatus

Escape:
Any appropriate escape-type, self-contained breathing apparatus

Important additional information about respirator selection (pgintrod.html#mustread)

See also: INTRODUCTION (/niosh/npg/pgintrod.html) See ICSC CARD: 0419 (/niosh/ipcsneng/neng0419.html) See MEDICAL TESTS: 0140 (/niosh/docs/2005-110/nmed0140.html)

Page last reviewed: April 4, 2011
Page last updated: February 13, 2015
Content source: National Institute for Occupational Safety and Health (NIOSH) Education and Information Division

Centers for Disease Control and Prevention 1600 Clifton Road Atlanta, GA 30329-4027, USA
800-CDC-INFO (800-232-4636) TTY: (888) 232-6348 - Contact CDC–INFO

Appendix C

Soil Boring Geologic Logs

Liberty Environmental, Inc.

SOIL BORING LOG

Project #: 160020	Project Name: 76 Arnsle Street	Driller: ADT - C. Morgan	
Boring #: ~~GP-1~~ GP-4 (1)	Date: 1/22/16	Page: 1	
Method: Geoprobe · Macro-core 2-3	Geologist: RJR	Boring Location: GP-4 (1)	

Depth (ft)	PID (ppm)	Recovery (ft)	Sample I.D.	Description	USCS	Remarks
0-3	0 0 0 0	2'	GP-4(0-2)	6" = Concrete 8" = Fill; Crushed asphalt, cinders, gravel, coarse sand 10" = Fine SAND with silt & minor clay, light brown, Soft, No odor, dry, No Staining	GP (RR) SM	Depth-to-first-water-bearing-zone: N/A Depth-to-bedrock:
4-6	0 0 0 0	2.5'	GP-4WC(3) (RR)	8" = Fill & crushed concrete 8" = reddish brown, Coarse SAND w/ Some silt, Some Small gravel ~~and~~ RR rounded, and an occasional pebble, No odor, No Staining, dry, Soft 10" = Fill; ash, cinders, crushed Stone, Stained liquor, no odors, dry, dense, Fine-coarse Sand with Some silt 2" = Reddish brown clayey SAND, ~~slightly~~ Highly RR plastic, Fines present, dense, ~~moist~~ dry * Possible Chemical odor	GP (RR) SP GM SC	Depth-to-saturation: N/A
7-9	0 0 0 0	3'	GP-4WC(6)	12" = Possible fall in sluath = Fill, crushed Concrete, Fill ~~24" =~~ RR 12" = Reddish brown SAND (Same as Above - SP) 12" = Reddish brown clayey SAND (SAA - SC) No odors, No Staining, moist at bottom	GP (RR) SP SC	GP-4WC Composite Sample (0-12)
10-12	0 0 0 0	3'	GP-4WC(12)	6" = Possible fall-in sluath = Fill 12" = Reddish brown SAND (SAA = SP) 18" = Reddish brown Clayey SAND (SAA - SC) moist, No odor, no Staining, very dense	GP (RR) SP SC	
13-15	0 0 0 0	2'	GP-4(13-15)	12" = Possible fall-in sluath = Fill 6" = CLAY, with minor sand tan/beige, brown color, dense, no staining, no odor, moist, highly plastic, dense 6" = ~~bright orange, reddish/brown SAND, poorly graded~~ Coarse, ~~dense~~ medium dense, moist, No odor, No Staining, minor Fines, Cobble at bottom, quartz	(RR) GP CH SP	
		15' = EOB		* collapse upon Completion, 1" Soil Vapor Points installed at 13.5' bg, quartz #00 Sand back Fill ~~w/ Bentonite at Start~~ RR from 13.5-10.5' bg, Bentonite Slurry from 10.5-6' bg, Quartz sand #00 from 6'-0.5' bg, Bentonite plug Sealed at Start		

Liberty Environmental, Inc.

SOIL BORING LOG

Project #:	160820	Project Name:	76 Anshe	Driller:	ADT
Boring #:	GP-6	Date:	1/21/16	Page:	1
Method:	Geoprobe 3' macro core	Geologist:	RJR	Boring Location:	(2) GP-6

Depth (ft)	PID (ppm)	Recovery (ft)	Sample I.D.	Description	USCS	Remarks
0-3	0 0 0	1.5	GP-6(0-3) GP-6WC(2)	4" = crush concrete 10" = Fill; ash, cinders, crushed stone, crushed brick, sand 4" = Dark brown coarse SAND, some fine sand & silt, soft, dry, no odor, no staining.	GP SP	Depth-to-first-water-bearing-zone: N/A Depth-to-bedrock: N/A
4-6	0 0	1'	GP-6wc(6)	12" = Fill, possible fall-in sheath, possibly in area of deep fill - Driller reports void spaces	(SAA-GP)	Depth-to-saturation: N/A
7-9	0 0 0	1.5	GP-6WC(9)	18" = (SAA-GP) Fill with cinders, ash, crushed stone, brick, crushed concrete dry, no odors	GP	GP-6WC Composite (0-12) VOC grab at 11' bg
10-12	0 0 0	2'	GP-6wc(12)	9" = Fill (SAA-GP) + all entire crushed brick 6" = Dark brown coarse SAND, with Fill, dry, no odor, ash/cinders ~~4" = RR~~ 3" = SAA - Dark Brown coarse SAND w/ Fill darker than above 6" = orangeish Reddish/Brown coarse SAND, with fine sand & silt, No odors, No staining, soft, dry	GP GM GM SM	
13-15	0 0.2 0.4 0	3'	GP-6(13-15)	28" = Fill (SAA-GP) No odor, ash & cinders, dry, coarse, dense 6" = Reddish brown sandy CLAY, some fine sand, some silt, highly plastic, dense, medium, moist No staining, No odor 15' = E.O.B.	GP CL	

2X Vapor Points set @ 13' bg after partial collapse on 1/22/16
13'-8' bg = #00 Quartz sand, 8'-5' bg = Bentonite plug, backfill & c with bentonite seal at slab.

Liberty Environmental, Inc.

SOIL BORING LOG

Project #:	160020	Project Name:	76 Ainslie	Driller:	ADT
Boring #:	GP-7 (RR)	Date:	1/22/16	Page:	1
Method:	Geoprobe 3' macro-core	Geologist:	RJR	Boring Location:	(3) GP-7 (RR)

Depth (ft)	PID (ppm)	Recovery (ft)	Sample I.D.	Description	USCS	Remarks
0-3	0 0	6"		Fill = crushed brick, Concrete, Course grain sand, Cinders, Crushed Stone	GP	Depth-to-first-water-bearing-zone: N/A Depth-to-bedrock: N/A Depth-to-saturation: N/A
0-3 Redrill offset	0 0	6"	GP-7(0-3) GP-7wc(3)	Fill = " " w/ minor Dark brown SAND	GP	
4-6	0 0 0 0	1.5'		6" = Dark brown Course SAND, Minor (RR) ~~with~~ Silt, Soft, ~~minor~~ (RR) Trace Sub-angular & Sub rounded ~~stones~~ Fine gravel, No odor, No staining, dry (RR)	SM	
				6" = Orange-brown Course SAND, Some Silt & Fine sand, slight plasticity, No odor, No staining, Soft, dry	SM	
				6" Course dark brown SAND, with Sub angular gravel and sub rounded gravel (Possible SAA - at 4')	SP (RR)	
4-6 Redrill offset	0 0	1'	GP-7(4-6)	6" = SAA For lower bottom of 4-6 original w/ stains	SP	
				6" = SAA middle of 4-6 original orangish-brown	SM	
				6" = E.O.B		

N:\Document Templates\Soil Boring Field Log.doc

* Slug - Slug Water Point installed offset from offset location

Liberty Environmental, Inc.

SOIL BORING LOG

Project #: 160020	Project Name: 76 Ainslie	Driller: ADT
Boring #: GP-5	Date: 1/22/16	Page: 1 of 2
Method: GeoProbe 3' macro-cores	Geologist: RJR	Boring Location: (4) GP-5

Depth (ft)	PID (ppm)	Recovery (ft)	Sample I.D.	Description	USCS	Remarks
0-3	0.1 0.2 0.0 0.0	2	~~GP-5wc(2)~~	4" = crushed concrete 20" = Fill; Fine SAND, some silt, some coarse sand, angular - sub angular fine gravel, crushed brick, crushed concrete, crushed stone, ash, cinders, dry, No odor, No staining, med. to dense	GP	Depth-to-first-water-bearing zone: ~~N/A~~ 12'
*	refusal	④ 5' = redrill offset				Depth-to-bedrock: N/A
						Depth-to-saturation: ~~N/A~~ 12'
0-3	0.0 0.1 0.2	1.5'	GP-5wc(2)	2" = crushe concrete 4" = Fine SAND, tan color, rounded & sub-angular pebbles & rock fragments present, dry, no odor, soft No staining * minor clay at bottom	SP	
			GP-5(0-3)	12" = Fill (SAA - GP)	GP	
4-6	0.0	6"	~~GP-5(6)~~ GP-5wc(6)	6" = Fill, Possible Fall-in (SAA)	GP	
7-9	0.0 0.0 0.0 0.0	2'	GP-5wc(9)	Gabble crushed 24" = interlayered 6" ribbons of orangish-brown coarse SAND, trace silt, micA Schist flakes, sub-angular fine pebbles, no odor, No staining, dry, Soft & dark brown fine SAND, some silt, minor clay, medium plasticity, medium dense, moist, No staining, Fine rounded pebbles	SM SC	
				12" = Fill (SAA - GP)		
10-12	0.0 0.0 0.0	3'	GP-5wc(12)	24" = intermingled orangish-brown, dark brown clayey fine SAND with silt, very dense, highly plastic, moist to wet at bottom, crushed brick, cinders at bottom, No odor, No staining	SC	* wet @ 12' bg

* Continued on Page 2

Liberty Environmental, Inc.

SOIL BORING LOG

Project #: 160090	Project Name: ~~160~~ 76 Alaska (RL)	Driller:
Boring #: GP-5	Date: 1/22/16	Page: 2 of 2
Method: Geoprobe 3' macro cores	Geologist: RJR	Boring Location: (4) GP-5

Depth (ft)	PID (ppm)	Recovery (ft)	Sample I.D.	Description	USCS	Remarks
13-15	0.0 0.0 0.0 0.0	3'	GP-5 (13-15)	12" = Fill (SM - GP) (RL) 24" = orangish/Reddish brown clayey SILT some fine sand very dense, medium-hi ~~SRR~~ plasticity No odor, No staining, wet-moist	GP ML	Depth-to-first-water-bearing zone: 12 Depth-to-bedrock: N/A Depth-to-saturation: 12'
		GP-5WC		Composite 0-12		
				15' = E.O.B		

Appendix D

Laboratory Data Deliverables for Waste Characterization Soil Samples

Technical Report

prepared for:

Liberty Environmental, Inc
131 Varick Street, Suite 1022
New York NY, 10013
Attention: Raphael Rosenbaum

Report Date: 02/02/2016
Client Project ID: 160020
York Project (SDG) No.: 16A0628

Revision No. 3.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT-005 New York Cert. No. 10854 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 02/02/2016
Client Project ID: 160020
York Project (SDG) No.: 16A0628

Liberty Environmental, Inc
131 Varick Street, Suite 1022
New York NY, 10013
Attention: Raphael Rosenbaum

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 January 21, 2016 and listed below. The project was identified as your project: **160020**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
16A0628-03	GP-4WC	Soil	01/21/2016	01/21/2016
16A0628-04	GP-4WC (3)	Soil	01/21/2016	01/21/2016
16A0628-05	GP-4WC (6)	Soil	01/21/2016	01/21/2016
16A0628-06	GP-4WC (12)	Soil	01/21/2016	01/21/2016
16A0689-01	GP-6WC (9)	Soil	01/21/2016	01/22/2016
16A0689-02	GP-6WC (12)	Soil	01/21/2016	01/22/2016
16A0689-03	GP-6WC (6)	Soil	01/21/2016	01/22/2016
16A0689-04	GP-6WC (2)	Soil	01/21/2016	01/22/2016
16A0689-05	GP-7WC (3)	Soil	01/22/2016	01/22/2016
16A0689-08	GP-6WC	Soil	01/21/2016	01/22/2016
16A0689-11	GP-5WC (12)	Soil	01/22/2016	01/22/2016
16A0689-12	GP-5WC (2)	Soil	01/22/2016	01/22/2016
16A0689-13	GP-5WC (6)	Soil	01/22/2016	01/22/2016
16A0689-15	GP-5WC	Soil	01/22/2016	01/22/2016
16A0689-17	GP-5WC (9)	Soil	01/22/2016	01/22/2016

General Notes for York Project (SDG) No.: 16A0628

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: **Date:** 02/02/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **GP-4WC** **York Sample ID:** **16A0628-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:03 am	01/21/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
78-93-3	**2-Butanone**	**0.0036**	CCV-E, J	mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK

Sample Information

Client Sample ID: GP-4WC

York Sample ID: 16A0628-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:03 am	01/21/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**0.010**	CCV-E, J	mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK

Sample Information

Client Sample ID: GP-4WC

York Sample ID: 16A0628-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:03 am	01/21/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 09:03	01/28/2016 16:05	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 09:03	01/28/2016 16:05	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.010	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
108-88-3	**Toluene**	**0.0030**	J	mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 16:05	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 16:05	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*76-130*

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: GP-4WC

York Sample ID: 16A0628-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:03 am	01/21/2016

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 08:17	01/27/2016 19:45	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 08:17	01/27/2016 19:45	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 08:17	01/27/2016 19:45	BK
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 08:17	01/27/2016 19:45	BK
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 08:17	01/27/2016 19:45	BK
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 08:17	01/27/2016 19:45	BK
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 08:17	01/27/2016 19:45	BK
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 08:17	01/27/2016 19:45	BK
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 08:17	01/27/2016 19:45	BK
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 08:17	01/27/2016 19:45	BK
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 08:17	01/27/2016 19:45	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*65-135*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.0 %*	*81-114*
2037-26-5	*Surrogate: Toluene-d8*	*99.8 %*	*86-118*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**methoxy hexanone isomer**	**8.1**		ug/kg dry			1	EPA 8260C Certifications:	01/28/2016 09:03	01/28/2016 16:05	BK
NA	**methyl heptanone isomer**	**9.3**		ug/kg dry			1	EPA 8260C Certifications:	01/28/2016 09:03	01/28/2016 16:05	BK
NA	**trimethyl Hexane isomer**	**5.2**		ug/kg dry			1	EPA 8260C Certifications:	01/28/2016 09:03	01/28/2016 16:05	BK

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/25/2016 00:16	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/25/2016 00:16	KH

Sample Information

Client Sample ID: GP-4WC

York Sample ID: 16A0628-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:03 am	01/21/2016

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854	01/22/2016 13:45	01/25/2016 00:16	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/25/2016 00:16	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854	01/22/2016 13:45	01/25/2016 00:16	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854	01/22/2016 13:45	01/25/2016 00:16	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/25/2016 00:16	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/25/2016 00:16	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
91-57-6	**2-Methylnaphthalene**	**0.0559**	J	mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/25/2016 00:16	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/25/2016 00:16	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/25/2016 00:16	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH

Sample Information

Client Sample ID: GP-4WC

York Sample ID: 16A0628-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:03 am	01/21/2016

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
83-32-9	**Acenaphthene**	**0.106**		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
208-96-8	**Acenaphthylene**	**0.0755**	J	mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/25/2016 00:16	KH
62-53-3	Aniline	ND		mg/kg dry	0.189	0.378	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
120-12-7	**Anthracene**	**0.297**		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/25/2016 00:16	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/25/2016 00:16	KH
92-87-5	Benzidine	ND		mg/kg dry	0.189	0.378	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	01/22/2016 13:45	01/25/2016 00:16	KH
56-55-3	**Benzo(a)anthracene**	**0.562**		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
50-32-8	**Benzo(a)pyrene**	**0.345**		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
205-99-2	**Benzo(b)fluoranthene**	**0.354**		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.278**		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
207-08-9	**Benzo(k)fluoranthene**	**0.314**		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/25/2016 00:16	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH

Sample Information

Client Sample ID: GP-4WC

York Sample ID: 16A0628-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:03 am	01/21/2016

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/25/2016 00:16	KH
86-74-8	**Carbazole**	**0.116**		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
218-01-9	**Chrysene**	**0.514**		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.118**		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
132-64-9	**Dibenzofuran**	**0.107**		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/25/2016 00:16	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
206-44-0	**Fluoranthene**	**1.12**		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
86-73-7	**Fluorene**	**0.140**		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.267**		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/25/2016 00:16	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/25/2016 00:16	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH

Sample Information

Client Sample ID: GP-4WC

York Sample ID: 16A0628-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:03 am	01/21/2016

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/25/2016 00:16	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
85-01-8	**Phenanthrene**	**1.17**		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
108-95-2	Phenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH
129-00-0	**Pyrene**	**1.18**		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/25/2016 00:16	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*58.2 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*63.4 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*61.7 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*64.0 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*60.8 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*78.2 %*	*24-116*

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854	01/26/2016 14:24	01/27/2016 18:12	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 18:12	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 18:12	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 18:12	KH
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 18:12	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 18:12	KH
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	01/26/2016 14:24	01/27/2016 18:12	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 18:12	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 18:12	KH
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 18:12	KH
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 18:12	KH
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 18:12	KH

Sample Information

Client Sample ID: GP-4WC

York Sample ID: 16A0628-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:03 am	01/21/2016

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 18:12	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*56.9 %*	*10-65*
4165-62-2	*Surrogate: Phenol-d5*	*45.8 %*	*10-49*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*88.1 %*	*10-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*80.2 %*	*10-93*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*83.3 %*	*10-128*
1718-51-0	*Surrogate: Terphenyl-d14*	*95.8 %*	*10-100*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/22/2016 13:45	01/25/2016 00:16	KH

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.500	0.500	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 05:02	01/25/2016 19:16	AMC
72-20-8	Endrin	ND		ug/L	0.0500	0.0500	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 05:02	01/25/2016 19:16	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0500	0.0500	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 05:02	01/25/2016 19:16	AMC
76-44-8	Heptachlor	ND		ug/L	0.0500	0.0500	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 05:02	01/25/2016 19:16	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0500	0.0500	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 05:02	01/25/2016 19:16	AMC
72-43-5	Methoxychlor	ND		ug/L	0.0500	0.0500	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 05:02	01/25/2016 19:16	AMC
8001-35-2	Toxaphene	ND		ug/L	1.25	1.25	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 05:02	01/25/2016 19:16	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*44.6 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.8 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: GP-4WC

York Sample ID: 16A0628-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:03 am	01/21/2016

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 13:52	01/25/2016 17:26	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 13:52	01/25/2016 17:26	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 13:52	01/25/2016 17:26	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 13:52	01/25/2016 17:26	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 13:52	01/25/2016 17:26	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 13:52	01/25/2016 17:26	AMC
11096-82-5	**Aroclor 1260**	**0.0286**		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 13:52	01/25/2016 17:26	AMC
1336-36-3	*** Total PCBs**	**0.0286**		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications:	01/22/2016 13:52	01/25/2016 17:26	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.2 %*	*30-140*

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 06:45	01/26/2016 18:59	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 06:45	01/26/2016 18:59	SA

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (L*	*89.6 %*	*30-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Total EPH**	**369**		mg/kg dry	56.6	56.6	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	01/26/2016 13:41	01/27/2016 14:13	AMC

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*67.2 %*	*40-140*
84-15-1	*Surrogate: o-Terphenyl*	*69.3 %*	*40-140*

Sample Information

Client Sample ID: GP-4WC

York Sample ID: 16A0628-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:03 am	01/21/2016

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**0.0316**		mg/L	0.00333	0.00333	1	EPA 6010C/1311	01/26/2016 12:21	01/27/2016 02:03	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9690**		mg/kg dry	5.66	5.66	1	EPA 6010C	01/22/2016 11:56	01/22/2016 17:49	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-36-0	Antimony	ND		mg/kg dry	0.566	0.566	1	EPA 6010C	01/22/2016 11:56	01/22/2016 17:49	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**3.49**		mg/kg dry	1.13	1.13	1	EPA 6010C	01/22/2016 11:56	01/22/2016 17:49	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**291**		mg/kg dry	1.13	1.13	1	EPA 6010C	01/22/2016 11:56	01/22/2016 17:49	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.203**		mg/kg dry	0.113	0.113	1	EPA 6010C	01/22/2016 11:56	01/22/2016 17:49	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.340	0.340	1	EPA 6010C	01/22/2016 11:56	01/22/2016 17:49	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**3240**		mg/kg dry	0.566	5.66	1	EPA 6010C	01/22/2016 11:56	01/22/2016 17:49	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-47-3	**Chromium**	**16.6**		mg/kg dry	0.566	0.566	1	EPA 6010C	01/22/2016 11:56	01/22/2016 17:49	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**6.90**		mg/kg dry	0.566	0.566	1	EPA 6010C	01/22/2016 11:56	01/22/2016 17:49	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-50-8	**Copper**	**48.2**		mg/kg dry	0.566	0.566	1	EPA 6010C	01/22/2016 11:56	01/22/2016 17:49	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-89-6	**Iron**	**17000**		mg/kg dry	2.26	2.26	1	EPA 6010C	01/22/2016 11:56	01/22/2016 17:49	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-92-1	**Lead**	**464**		mg/kg dry	0.340	0.340	1	EPA 6010C	01/22/2016 11:56	01/22/2016 17:49	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2000**		mg/kg dry	5.66	5.66	1	EPA 6010C	01/22/2016 11:56	01/22/2016 17:49	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-96-5	**Manganese**	**512**		mg/kg dry	0.566	0.566	1	EPA 6010C	01/22/2016 11:56	01/22/2016 17:49	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-02-0	**Nickel**	**13.7**		mg/kg dry	0.566	0.566	1	EPA 6010C	01/22/2016 11:56	01/22/2016 17:49	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**792**		mg/kg dry	5.66	5.66	1	EPA 6010C	01/22/2016 11:56	01/22/2016 17:49	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7782-49-2	**Selenium**	**2.31**		mg/kg dry	1.13	1.13	1	EPA 6010C	01/22/2016 11:56	01/22/2016 17:49	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.566	0.566	1	EPA 6010C	01/22/2016 11:56	01/22/2016 17:49	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GP-4WC

York Sample ID: 16A0628-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:03 am	01/21/2016

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**157**		mg/kg dry	11.3	11.3	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:49	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:49	ALD
7440-62-2	**Vanadium**	**22.4**		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:49	ALD
7440-66-6	**Zinc**	**282**		mg/kg dry	1.13	1.13	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:49	ALD

Metals, TCLP RCRA

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

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 12:21	01/27/2016 02:03	ALD
7440-39-3	**Barium**	**0.795**		mg/L	0.011	0.011	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 12:21	01/27/2016 02:03	ALD
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 12:21	01/27/2016 02:03	ALD
7440-47-3	**Chromium**	**0.006**		mg/L	0.006	0.006	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 12:21	01/27/2016 02:03	ALD
7439-92-1	**Lead**	**0.810**		mg/L	0.003	0.003	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 12:21	01/27/2016 02:03	ALD
7782-49-2	Selenium	ND	M-SeTC	mg/L	0.011	0.011	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 12:21	01/27/2016 02:03	ALD
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 12:21	01/27/2016 02:03	ALD

Nickel, TCLP by EPA 6010

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

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**0.00605**		mg/L	0.00556	0.00556	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 12:21	01/27/2016 02:03	ALD

Zinc, TCLP by EPA 6010

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

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**5.66**		mg/L	0.0111	0.0111	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 12:21	01/27/2016 02:03	ALD

Mercury by 7473

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

Sample Information

Client Sample ID: GP-4WC

York Sample ID: 16A0628-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:03 am	01/21/2016

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.16**		mg/kg dry	0.0340	0.0340	1	EPA 7473	01/25/2016 07:11	01/25/2016 10:26	ALD
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7473/1311	01/22/2016 11:30	01/25/2016 07:59	ALD
								Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854			

Ignitability

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	01/25/2016 18:18	01/25/2016 21:36	AA
								Certifications: CTDOH,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.3**		%	0.100	0.100	1	SM 2540G	01/22/2016 11:16	01/22/2016 14:34	CLS
								Certifications: CTDOH			

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.396	0.566	1	EPA 7196A	01/27/2016 07:45	01/27/2016 14:32	SC
								Certifications: NJDEP,CTDOH,NELAC-NY10854			

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**8.65**	HT-pH	pH units		0.500	1	EPA 9045D	01/28/2016 12:02	01/28/2016 14:44	CLS
								Certifications: NELAC-NY10854,CTDOH,PADEP			

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	01/28/2016 08:49	01/28/2016 10:40	AD
								Certifications: CTDOH,PADEP			

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: GP-4WC | **York Sample ID:** 16A0628-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:03 am	01/21/2016

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Reactivity - Sulfide**	**16.0**		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	01/28/2016 08:52	01/28/2016 10:41	AD
								Certifications: CTDOH,PADEP			

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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	01/21/2016 19:56	01/22/2016 13:50	CLS
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for SVOCS/PEST/HERB

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

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	01/21/2016 19:59	01/22/2016 13:50	CLS
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for VOA by EPA 1311 ZHE

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

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311	01/21/2016 20:00	01/22/2016 13:49	CLS
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: GP-4WC (3) | **York Sample ID:** 16A0628-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 10:13 am	01/21/2016

Total Petroleum Hydrocarbons-DRO (C10-C28)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	**2090**		mg/kg dry	3.71	10.9	1	EPA 8015D	01/25/2016 14:18	01/26/2016 00:14	AMC
								Certifications: NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*63.4 %*	*30-150*

Total Petroleum Hydrocarbons-GRO (C5-C10)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	31.3	62.6	100	EPA 8015D	01/25/2016 10:17	01/26/2016 02:00	OW
								Certifications: NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: GP-4WC (3) **York Sample ID:** 16A0628-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 10:13 am	01/21/2016

Total Petroleum Hydrocarbons-GRO (C5-C10)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.6 %*	*70-130*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.6**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	01/22/2016 11:16	01/22/2016 14:34	CLS

Sample Information

Client Sample ID: GP-4WC (6) **York Sample ID:** 16A0628-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 10:53 am	01/21/2016

Total Petroleum Hydrocarbons-DRO (C10-C28)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	**73.1**		mg/kg dry	3.85	11.3	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	01/25/2016 14:18	01/26/2016 00:42	AMC

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*93.6 %*	*30-150*

Total Petroleum Hydrocarbons-GRO (C5-C10)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	48.9	97.8	100	EPA 8015D Certifications: NELAC-NY10854,NJDEP	01/25/2016 10:17	01/26/2016 02:36	OW

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.0 %*	*70-130*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: GP-4WC (6) **York Sample ID:** 16A0628-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 10:53 am	01/21/2016

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.3**		%	0.100	0.100	1	SM 2540G	01/22/2016 11:16	01/22/2016 14:34	CLS
								Certifications: CTDOH			

Sample Information

Client Sample ID: GP-4WC (12) **York Sample ID:** 16A0628-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 10:56 am	01/21/2016

Total Petroleum Hydrocarbons-DRO (C10-C28)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	ND		mg/kg dry	4.10	12.0	1	EPA 8015D	01/25/2016 14:18	01/26/2016 01:10	AMC
								Certifications: NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*86.8 %*	*30-150*

Total Petroleum Hydrocarbons-GRO (C5-C10)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	38.8	77.6	100	EPA 8015D	01/25/2016 10:17	01/26/2016 03:12	OW
								Certifications: NELAC-NY10854,NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.5 %*	*70-130*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.0**		%	0.100	0.100	1	SM 2540G	01/22/2016 11:16	01/22/2016 14:34	CLS
								Certifications: CTDOH			

Sample Information

Client Sample ID: GP-6WC (9) **York Sample ID:** 16A0689-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 3:33 pm	01/22/2016

Total Petroleum Hydrocarbons-DRO (C10-C28)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	**326**		mg/kg dry	3.74	11.0	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:44	01/28/2016 15:13	AMC

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*103 %*	*30-150*

Total Petroleum Hydrocarbons-GRO (C5-C10)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	53.3	107	100	EPA 8015D Certifications: NELAC-NY10854,NJDEP	01/25/2016 10:17	01/26/2016 05:00	OW

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.3 %*	*70-130*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.9**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	01/25/2016 11:15	01/25/2016 16:31	CLS

Sample Information

Client Sample ID: GP-6WC (12) **York Sample ID:** 16A0689-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 3:47 pm	01/22/2016

Total Petroleum Hydrocarbons-DRO (C10-C28)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	**33.0**		mg/kg dry	3.82	11.2	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:44	01/28/2016 15:48	AMC

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*74.5 %*	*30-150*

Total Petroleum Hydrocarbons-GRO (C5-C10)

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

Sample Information

Client Sample ID: GP-6WC (12) **York Sample ID:** 16A0689-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 3:47 pm	01/22/2016

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	39.1	78.2	100	EPA 8015D Certifications: NELAC-NY10854,NJDEP	01/25/2016 10:17	01/26/2016 05:36	OW

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.4 %*	*70-130*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.1**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	01/25/2016 11:15	01/25/2016 16:31	CLS

Sample Information

Client Sample ID: GP-6WC (6) **York Sample ID:** 16A0689-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 3:25 pm	01/22/2016

Total Petroleum Hydrocarbons-DRO (C10-C28)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	**367**		mg/kg dry	3.79	11.1	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:44	01/28/2016 16:24	AMC

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*76.6 %*	*30-150*

Total Petroleum Hydrocarbons-GRO (C5-C10)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	66.9	134	100	EPA 8015D Certifications: NELAC-NY10854,NJDEP	01/25/2016 10:17	01/26/2016 06:12	OW

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.3 %*	*70-130*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: GP-6WC (6) **York Sample ID:** 16A0689-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 3:25 pm	01/22/2016

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.8**		%	0.100	0.100	1	SM 2540G	01/25/2016 11:15	01/25/2016 16:31	CLS
								Certifications: CTDOH			

Sample Information

Client Sample ID: GP-6WC (2) **York Sample ID:** 16A0689-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 3:21 pm	01/22/2016

Total Petroleum Hydrocarbons-DRO (C10-C28) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	**694**		mg/kg dry	3.76	11.1	1	EPA 8015D	01/27/2016 07:44	01/28/2016 16:59	AMC
								Certifications: NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*92.9 %*	*30-150*

Total Petroleum Hydrocarbons-GRO (C5-C10) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	56.3	113	100	EPA 8015D	01/25/2016 10:17	01/26/2016 06:48	OW
								Certifications: NELAC-NY10854,NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.2 %*	*70-130*

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.4**		%	0.100	0.100	1	SM 2540G	01/25/2016 11:15	01/25/2016 16:31	CLS
								Certifications: CTDOH			

Sample Information

Client Sample ID: GP-7WC (3) **York Sample ID:** 16A0689-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:40 pm	01/22/2016

Total Petroleum Hydrocarbons-DRO (C10-C28)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	**162**		mg/kg dry	3.74	11.0	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:44	01/28/2016 17:35	AMC

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*90.4 %*	*30-150*

Total Petroleum Hydrocarbons-GRO (C5-C10)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	54.9	110	100	EPA 8015D Certifications: NELAC-NY10854,NJDEP	01/25/2016 10:17	01/26/2016 07:24	OW

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.3 %*	*70-130*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.8**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	01/25/2016 11:15	01/25/2016 16:31	CLS

Sample Information

Client Sample ID: GP-6WC **York Sample ID:** 16A0689-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:16 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK

Sample Information

Client Sample ID: GP-6WC

York Sample ID: 16A0689-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:16 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.062	0.12	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
67-64-1	**Acetone**	**0.0078**	J	mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK

Sample Information

Client Sample ID: GP-6WC

York Sample ID: 16A0689-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:16 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK

Sample Information

Client Sample ID: GP-6WC

York Sample ID: 16A0689-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:16 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 17:24	01/29/2016 03:25	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 17:24	01/29/2016 03:25	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:25	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0062	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0094	0.019	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:25	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.8 %*	*76-130*

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:19	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:19	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:19	BK
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:19	BK

Sample Information

Client Sample ID: GP-6WC

York Sample ID: 16A0689-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:16 pm	01/22/2016

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:19	BK
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:19	BK
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:19	BK
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:19	BK
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:19	BK
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:19	BK
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:19	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.2 %*	*65-135*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.5 %*	*81-114*
2037-26-5	*Surrogate: Toluene-d8*	*97.2 %*	*86-118*

Volatile Organics, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
NA	**dimethyl naphthalene isomers**	**39**	N	ug/kg dry			1	EPA 8260C Certifications:	01/28/2016 17:24	01/29/2016 03:25	BK
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C Certifications:	01/28/2016 17:24	01/29/2016 03:25	BK

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:10	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:10	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/27/2016 23:10	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:10	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/27/2016 23:10	KH

Sample Information

Client Sample ID: GP-6WC

York Sample ID: 16A0689-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:16 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/27/2016 23:10	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:10	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:10	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
91-57-6	**2-Methylnaphthalene**	**0.0923**	J	mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:10	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:10	KH
91-94-1	**3,3'-Dichlorobenzidine**	**0.0596**	J	mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:10	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH

Sample Information

Client Sample ID: GP-6WC

York Sample ID: 16A0689-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:16 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
83-32-9	**Acenaphthene**	**0.199**		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
208-96-8	**Acenaphthylene**	**0.0782**	J	mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:10	KH
62-53-3	Aniline	ND		mg/kg dry	0.187	0.373	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
120-12-7	**Anthracene**	**0.471**		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:10	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:10	KH
92-87-5	Benzidine	ND		mg/kg dry	0.187	0.373	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	01/27/2016 07:42	01/27/2016 23:10	KH
56-55-3	**Benzo(a)anthracene**	**1.63**		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
50-32-8	**Benzo(a)pyrene**	**1.08**		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
205-99-2	**Benzo(b)fluoranthene**	**1.08**		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.354**		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
207-08-9	**Benzo(k)fluoranthene**	**1.13**		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:10	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:10	KH

Sample Information

Client Sample ID: GP-6WC

York Sample ID: 16A0689-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:16 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	**Carbazole**	**0.217**		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
218-01-9	**Chrysene**	**1.72**		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.182**		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
132-64-9	**Dibenzofuran**	**0.167**		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:10	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
206-44-0	**Fluoranthene**	**4.11**		mg/kg dry	0.117	0.233	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 12:20	KH
86-73-7	**Fluorene**	**0.204**		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.372**		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
91-20-3	**Naphthalene**	**0.171**		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:10	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:10	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:10	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
85-01-8	**Phenanthrene**	**2.42**		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH

Sample Information

Client Sample ID: GP-6WC

York Sample ID: 16A0689-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:16 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:10	KH
129-00-0	**Pyrene**	**4.54**		mg/kg dry	0.117	0.233	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 12:20	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*67.0 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*72.4 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*60.4 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*54.1 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*49.9 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*61.2 %*	*24-116*

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.79	10.5	1	EPA 8270D/1311 Certifications: NELAC-NY10854	01/28/2016 18:37	01/29/2016 11:39	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.60	10.5	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 18:37	01/29/2016 11:39	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.89	10.5	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 18:37	01/29/2016 11:39	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.98	10.5	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 18:37	01/29/2016 11:39	KH
95-48-7	2-Methylphenol	ND		ug/L	1.80	10.5	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 18:37	01/29/2016 11:39	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.82	21.1	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 18:37	01/29/2016 11:39	KH
1319-77-3	Cresols, total	ND		ug/L	7.79	31.6	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	01/28/2016 18:37	01/29/2016 11:39	KH
118-74-1	Hexachlorobenzene	ND		ug/L	6.22	10.5	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 18:37	01/29/2016 11:39	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	6.97	10.5	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 18:37	01/29/2016 11:39	KH
67-72-1	Hexachloroethane	ND		ug/L	7.64	10.5	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 18:37	01/29/2016 11:39	KH
98-95-3	Nitrobenzene	ND		ug/L	4.14	10.5	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 18:37	01/29/2016 11:39	KH
87-86-5	Pentachlorophenol	ND		ug/L	7.92	10.5	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 18:37	01/29/2016 11:39	KH
110-86-1	Pyridine	ND		ug/L	6.71	10.5	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 18:37	01/29/2016 11:39	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*41.0 %*	*10-65*
4165-62-2	*Surrogate: Phenol-d5*	*33.1 %*	*10-49*

Sample Information

Client Sample ID: GP-6WC

York Sample ID: 16A0689-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:16 pm	01/22/2016

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: Nitrobenzene-d5*	*60.6 %*			*10-96*						
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*52.5 %*			*10-93*						
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*49.0 %*			*10-128*						
1718-51-0	*Surrogate: Terphenyl-d14*	*48.1 %*			*10-100*						

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			5	EPA 8270D Certifications:	01/27/2016 07:42	01/28/2016 12:20	KH

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.485	0.485	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 06:54	01/28/2016 16:49	AMC
72-20-8	Endrin	ND		ug/L	0.0485	0.0485	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 06:54	01/28/2016 16:49	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0485	0.0485	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 06:54	01/28/2016 16:49	AMC
76-44-8	Heptachlor	ND		ug/L	0.0485	0.0485	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 06:54	01/28/2016 16:49	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0485	0.0485	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 06:54	01/28/2016 16:49	AMC
72-43-5	Methoxychlor	ND		ug/L	0.0485	0.0485	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 06:54	01/28/2016 16:49	AMC
8001-35-2	Toxaphene	ND		ug/L	1.21	1.21	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 06:54	01/28/2016 16:49	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.2 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.6 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 00:37	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 00:37	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 00:37	AMC

Sample Information

Client Sample ID: GP-6WC

York Sample ID: 16A0689-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:16 pm	01/22/2016

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 00:37	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 00:37	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 00:37	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 00:37	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	0.0186	1	EPA 8082A Certifications:	01/26/2016 08:09	01/27/2016 00:37	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.6 %*	*30-140*

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 06:12	01/29/2016 10:39	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 06:12	01/29/2016 10:39	SA

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (L*	*103 %*	*30-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Total EPH**	**206**		mg/kg dry	55.9	55.9	1	NJDEP EPH Rev 3.0 Certifications: NJDEP	01/26/2016 13:41	01/27/2016 15:37	AMC

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*93.3 %*	*40-140*
84-15-1	*Surrogate: o-Terphenyl*	*86.8 %*	*40-140*

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**0.0801**		mg/L	0.00333	0.00333	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 11:37	01/27/2016 22:02	KV

Sample Information

Client Sample ID: GP-6WC

York Sample ID: 16A0689-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:16 pm	01/22/2016

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7060**		mg/kg dry	5.59	5.59	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7440-36-0	**Antimony**	**1.27**		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7440-38-2	**Arsenic**	**10.1**		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7440-39-3	**Barium**	**181**		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.112	0.112	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7440-43-9	**Cadmium**	**1.15**		mg/kg dry	0.335	0.335	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7440-70-2	**Calcium**	**24100**		mg/kg dry	0.559	5.59	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7440-47-3	**Chromium**	**19.5**		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7440-48-4	**Cobalt**	**5.98**		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7440-50-8	**Copper**	**148**		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7439-89-6	**Iron**	**17300**		mg/kg dry	2.23	2.23	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7439-92-1	**Lead**	**466**	B	mg/kg dry	0.335	0.335	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7439-95-4	**Magnesium**	**2650**		mg/kg dry	5.59	5.59	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7439-96-5	**Manganese**	**333**		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7440-02-0	**Nickel**	**14.7**		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7440-09-7	**Potassium**	**1060**		mg/kg dry	5.59	5.59	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7782-49-2	**Selenium**	**1.47**		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7440-22-4	Silver	ND		mg/kg dry	0.559	0.559	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7440-23-5	**Sodium**	**348**		mg/kg dry	11.2	11.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7440-62-2	**Vanadium**	**19.9**		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:43	ALD
7440-66-6	**Zinc**	**446**		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:43	ALD

Sample Information

Client Sample ID: GP-6WC

York Sample ID: 16A0689-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:16 pm	01/22/2016

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 11:37	01/27/2016 22:02	KV
7440-39-3	**Barium**	**0.652**		mg/L	0.011	0.011	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 11:37	01/27/2016 22:02	KV
7440-43-9	**Cadmium**	**0.006**		mg/L	0.003	0.003	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 11:37	01/27/2016 22:02	KV
7440-47-3	**Chromium**	**0.022**		mg/L	0.006	0.006	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 11:37	01/27/2016 22:02	KV
7439-92-1	**Lead**	**0.306**		mg/L	0.003	0.003	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 11:37	01/27/2016 22:02	KV
7782-49-2	**Selenium**	**0.027**	M-SeTC	mg/L	0.011	0.011	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 11:37	01/27/2016 22:02	KV
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 11:37	01/27/2016 22:02	KV

Nickel, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	**Nickel**	**0.0119**		mg/L	0.00556	0.00556	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 11:37	01/27/2016 22:02	KV

Zinc, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**5.60**		mg/L	0.0111	0.0111	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 11:37	01/27/2016 22:02	KV

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**6.70**		mg/kg dry	0.0335	0.0335	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/26/2016 07:21	01/27/2016 08:24	KV

Mercury TCLP by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7473/1311 Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854	01/27/2016 07:04	01/27/2016 11:54	ALD

Ignitability

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: GP-6WC

York Sample ID: 16A0689-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:16 pm	01/22/2016

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P Certifications: CTDOH,PADEP	01/25/2016 18:18	01/25/2016 21:36	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.5**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	01/25/2016 11:15	01/25/2016 16:31	CLS

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.391	0.559	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854	01/27/2016 07:45	01/27/2016 14:32	SC

Corrosivity

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**8.87**	HT-pH	pH units		0.500	1	EPA 9045D Certifications: NELAC-NY10854,CTDOH,PADEP	01/25/2016 20:43	01/26/2016 20:42	CLS

Reactivity-Cyanide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3 Certifications: CTDOH,PADEP	01/28/2016 08:49	01/28/2016 10:40	AD

Reactivity-Sulfide

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Reactivity - Sulfide**	**16.0**		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4 Certifications: CTDOH,PADEP	01/28/2016 08:52	01/28/2016 10:41	AD

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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/25/2016 17:27	01/26/2016 15:13	CLS

TCLP Extraction for SVOCS/PEST/HERB

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: GP-6WC **York Sample ID:** 16A0689-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:16 pm	01/22/2016

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	01/25/2016 19:15	01/26/2016 15:14	CLS
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for VOA by EPA 1311 ZHE

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

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311	01/25/2016 19:16	01/26/2016 15:14	CLS
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: GP-5WC (12) **York Sample ID:** 16A0689-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:31 pm	01/22/2016

Total Petroleum Hydrocarbons-DRO (C10-C28)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	**20.6**		mg/kg dry	3.88	11.4	1	EPA 8015D	01/27/2016 07:44	01/28/2018 18:45	AMC
								Certifications: NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*62.4 %*	*30-150*

Total Petroleum Hydrocarbons-GRO (C5-C10)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	42.1	84.3	100	EPA 8015D	01/25/2016 10:17	01/26/2016 08:00	OW
								Certifications: NELAC-NY10854,NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.8 %*	*70-130*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.6**		%	0.100	0.100	1	SM 2540G	01/25/2016 11:15	01/25/2016 16:31	CLS
								Certifications: CTDOH			

Sample Information

Client Sample ID: GP-5WC (2) **York Sample ID:** 16A0689-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 2:47 pm	01/22/2016

Total Petroleum Hydrocarbons-DRO (C10-C28)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	**235**		mg/kg dry	3.68	10.8	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:44	01/28/2016 19:21	AMC

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*126 %*	*30-150*

Total Petroleum Hydrocarbons-GRO (C5-C10)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	49.7	99.4	100	EPA 8015D Certifications: NELAC-NY10854,NJDEP	01/25/2016 10:17	01/26/2016 08:36	OW

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.8 %*	*70-130*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.3**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	01/25/2016 11:15	01/25/2016 16:31	CLS

Sample Information

Client Sample ID: GP-5WC (6) **York Sample ID:** 16A0689-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:35 pm	01/22/2016

Total Petroleum Hydrocarbons-DRO (C10-C28)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	**123**		mg/kg dry	3.64	10.7	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:44	01/28/2016 19:56	AMC

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*89.4 %*	*30-150*

Total Petroleum Hydrocarbons-GRO (C5-C10)

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

Sample Information

Client Sample ID: GP-5WC (6) **York Sample ID:** 16A0689-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:35 pm	01/22/2016

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	65.6	131	100	EPA 8015D Certifications: NELAC-NY10854,NJDEP	01/25/2016 10:17	01/26/2016 09:12	OW

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.5 %*	*70-130*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.5**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	01/25/2016 11:15	01/25/2016 16:31	CLS

Sample Information

Client Sample ID: GP-5WC **York Sample ID:** 16A0689-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:46 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK

Sample Information

Client Sample ID: GP-5WC

York Sample ID: 16A0689-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:46 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.092	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
67-64-1	Acetone	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK

Sample Information

Client Sample ID: GP-5WC

York Sample ID: 16A0689-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:46 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 17:24	01/29/2016 05:26	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 17:24	01/29/2016 05:26	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK

Sample Information

Client Sample ID: GP-5WC

York Sample ID: 16A0689-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:46 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:26	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:26	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*98.6 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*83.9 %*	*76-130*

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:59	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:59	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:59	BK
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:59	BK
71-43-2	Benzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:59	BK
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:59	BK
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:59	BK
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:59	BK
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:59	BK
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:59	BK

Sample Information

Client Sample ID: GP-5WC

York Sample ID: 16A0689-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:46 pm	01/22/2016

Volatile Organics, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 09:17	01/29/2016 12:59	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.5 %*	*65-135*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.8 %*	*81-114*
2037-26-5	*Surrogate: Toluene-d8*	*99.4 %*	*86-118*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 01:23	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 01:23	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/28/2016 01:23	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 01:23	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/28/2016 01:23	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/28/2016 01:23	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 01:23	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 01:23	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH

Sample Information

Client Sample ID: GP-5WC

York Sample ID: 16A0689-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:46 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 01:23	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 01:23	KH
91-94-1	**3,3'-Dichlorobenzidine**	**0.0537**	J	mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 01:23	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
83-32-9	**Acenaphthene**	**0.139**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 01:23	KH
62-53-3	Aniline	ND		mg/kg dry	0.190	0.379	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
120-12-7	**Anthracene**	**0.295**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 01:23	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 01:23	KH
92-87-5	Benzidine	ND		mg/kg dry	0.190	0.379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	01/27/2016 07:42	01/28/2016 01:23	KH
56-55-3	**Benzo(a)anthracene**	**1.27**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH

Sample Information

Client Sample ID: GP-5WC

York Sample ID: 16A0689-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:46 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	**Benzo(a)pyrene**	**0.718**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
205-99-2	**Benzo(b)fluoranthene**	**0.573**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.266**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
207-08-9	**Benzo(k)fluoranthene**	**0.616**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 01:23	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0947	0.189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 01:23	KH
86-74-8	**Carbazole**	**0.110**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
218-01-9	**Chrysene**	**1.46**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.142**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
132-64-9	**Dibenzofuran**	**0.0545**	J	mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 01:23	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
206-44-0	**Fluoranthene**	**2.40**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
86-73-7	**Fluorene**	**0.104**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH

Sample Information

Client Sample ID: GP-5WC

York Sample ID: 16A0689-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:46 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.269**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 01:23	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 01:23	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
86-30-6	**N-Nitrosodiphenylamine**	**0.0613**	J	mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 01:23	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
85-01-8	**Phenanthrene**	**2.02**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
108-95-2	Phenol	ND		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH
129-00-0	**Pyrene**	**3.00**		mg/kg dry	0.0474	0.0947	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 01:23	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*73.8 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*79.4 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*69.9 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*65.9 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*62.2 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*84.6 %*	*24-116*

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	6.45	10.0	1	EPA 8270D/1311 Certifications: NELAC-NY10854	01/26/2016 14:24	01/27/2016 19:51	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	7.22	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 19:51	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	6.54	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 19:51	KH

Sample Information

Client Sample ID: GP-5WC

York Sample ID: 16A0689-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:46 pm	01/22/2016

Semi-Volatiles, TCLP RCRA Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/L	4.73	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 19:51	KH
95-48-7	2-Methylphenol	ND		ug/L	1.71	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 19:51	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/L	7.43	20.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 19:51	KH
1319-77-3	Cresols, total	ND		ug/L	7.40	30.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854	01/26/2016 14:24	01/27/2016 19:51	KH
118-74-1	Hexachlorobenzene	ND		ug/L	5.91	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 19:51	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	6.62	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 19:51	KH
67-72-1	Hexachloroethane	ND		ug/L	7.26	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 19:51	KH
98-95-3	Nitrobenzene	ND		ug/L	3.93	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 19:51	KH
87-86-5	Pentachlorophenol	ND		ug/L	7.53	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 19:51	KH
110-86-1	Pyridine	ND		ug/L	6.37	10.0	1	EPA 8270D/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 14:24	01/27/2016 19:51	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*47.6 %*	*10-65*
4165-62-2	*Surrogate: Phenol-d5*	*38.4 %*	*10-49*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*75.4 %*	*10-96*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*68.0 %*	*10-93*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*67.1 %*	*10-128*
1718-51-0	*Surrogate: Terphenyl-d14*	*80.5 %*	*10-100*

Semi-Volatiles, Tentatively Identified Cmpds.

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			2	EPA 8270D Certifications:	01/27/2016 07:42	01/28/2016 01:23	KH

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	Chlordane, total	ND		ug/L	0.500	0.500	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 06:54	01/28/2016 17:05	AMC
72-20-8	Endrin	ND		ug/L	0.0500	0.0500	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 06:54	01/28/2016 17:05	AMC
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.0500	0.0500	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 06:54	01/28/2016 17:05	AMC

Sample Information

Client Sample ID: GP-5WC

York Sample ID: 16A0689-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:46 pm	01/22/2016

Pesticides, TCLP RCRA List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1311

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		ug/L	0.0500	0.0500	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 06:54	01/28/2016 17:05	AMC
1024-57-3	Heptachlor epoxide	ND		ug/L	0.0500	0.0500	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 06:54	01/28/2016 17:05	AMC
72-43-5	Methoxychlor	ND		ug/L	0.0500	0.0500	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 06:54	01/28/2016 17:05	AMC
8001-35-2	Toxaphene	ND		ug/L	1.25	1.25	1	EPA 8081B/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 06:54	01/28/2016 17:05	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.1 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.3 %*	*30-120*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 02:33	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 02:33	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 02:33	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 02:33	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 02:33	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 02:33	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 02:33	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	0.0189	1	EPA 8082A Certifications:	01/26/2016 08:09	01/27/2016 02:33	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.7 %*	*30-140*

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 06:12	01/29/2016 10:55	SA
94-75-7	2,4-D	ND		ug/L	5.00	5.00	1	EPA 8151A/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 06:12	01/29/2016 10:55	SA

Sample Information

Client Sample ID: GP-5WC

York Sample ID: 16A0689-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:46 pm	01/22/2016

Herbicides, TCLP Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (L*	*95.6 %*	*30-150*

NJDEP EPH (Cat. 2 Non-Fractionated)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Total EPH**	**71.9**		mg/kg dry	56.8	56.8	1	NJDEP EPH Rev 3.0	01/26/2016 13:41	01/27/2016 16:06	AMC
								Certifications: NJDEP			

	Surrogate Recoveries	Result	Acceptance Range
3386-33-2	*Surrogate: 1-Chlorooctadecane*	*65.9 %*	*40-140*
84-15-1	*Surrogate: o-Terphenyl*	*65.6 %*	*40-140*

Copper, TCLP by EPA 6010

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**0.0335**		mg/L	0.00333	0.00333	1	EPA 6010C/1311	01/27/2016 11:37	01/27/2016 22:08	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11400**		mg/kg dry	5.68	5.68	1	EPA 6010C	01/25/2016 13:33	01/25/2016 23:05	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-36-0	Antimony	ND		mg/kg dry	0.568	0.568	1	EPA 6010C	01/25/2016 13:33	01/25/2016 23:05	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**3.90**		mg/kg dry	1.14	1.14	1	EPA 6010C	01/25/2016 13:33	01/25/2016 23:05	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**93.8**		mg/kg dry	1.14	1.14	1	EPA 6010C	01/25/2016 13:33	01/25/2016 23:05	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	**Beryllium**	**0.221**		mg/kg dry	0.114	0.114	1	EPA 6010C	01/25/2016 13:33	01/25/2016 23:05	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.341	0.341	1	EPA 6010C	01/25/2016 13:33	01/25/2016 23:05	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**5760**		mg/kg dry	0.568	5.68	1	EPA 6010C	01/25/2016 13:33	01/25/2016 23:05	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-47-3	**Chromium**	**17.8**		mg/kg dry	0.568	0.568	1	EPA 6010C	01/25/2016 13:33	01/25/2016 23:05	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**6.79**		mg/kg dry	0.568	0.568	1	EPA 6010C	01/25/2016 13:33	01/25/2016 23:05	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: GP-5WC

York Sample ID: 16A0689-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:46 pm	01/22/2016

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**45.2**		mg/kg dry	0.568	0.568	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:05	ALD
7439-89-6	**Iron**	**17300**		mg/kg dry	2.27	2.27	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:05	ALD
7439-92-1	**Lead**	**180**	B	mg/kg dry	0.341	0.341	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:05	ALD
7439-95-4	**Magnesium**	**2290**		mg/kg dry	5.68	5.68	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:05	ALD
7439-96-5	**Manganese**	**470**		mg/kg dry	0.568	0.568	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:05	ALD
7440-02-0	**Nickel**	**14.7**		mg/kg dry	0.568	0.568	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:05	ALD
7440-09-7	**Potassium**	**934**		mg/kg dry	5.68	5.68	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:05	ALD
7782-49-2	Selenium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:05	ALD
7440-22-4	Silver	ND		mg/kg dry	0.568	0.568	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:05	ALD
7440-23-5	**Sodium**	**225**		mg/kg dry	11.4	11.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:05	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:05	ALD
7440-62-2	**Vanadium**	**24.6**		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:05	ALD
7440-66-6	**Zinc**	**90.8**		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:05	ALD

Metals, TCLP RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 11:37	01/27/2016 22:08	KV
7440-39-3	**Barium**	**0.767**		mg/L	0.011	0.011	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 11:37	01/27/2016 22:08	KV
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 11:37	01/27/2016 22:08	KV
7440-47-3	Chromium	ND		mg/L	0.006	0.006	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 11:37	01/27/2016 22:08	KV
7439-92-1	**Lead**	**0.259**		mg/L	0.003	0.003	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 11:37	01/27/2016 22:08	KV
7782-49-2	**Selenium**	**0.019**	M-SeTC	mg/L	0.011	0.011	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 11:37	01/27/2016 22:08	KV
7440-22-4	Silver	ND		mg/L	0.006	0.006	1	EPA 6010C/1311 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 11:37	01/27/2016 22:08	KV

Sample Information

Client Sample ID: GP-5WC

York Sample ID: 16A0689-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:46 pm	01/22/2016

Nickel, TCLP by EPA 6010

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

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	ND		mg/L	0.00556	0.00556	1	EPA 6010C/1311	01/27/2016 11:37	01/27/2016 22:08	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Zinc, TCLP by EPA 6010

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

Sample Prepared by Method: EPA 3015A/1311

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**0.736**		mg/L	0.0111	0.0111	1	EPA 6010C/1311	01/27/2016 11:37	01/27/2016 22:08	KV
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.06**		mg/kg dry	0.0341	0.0341	1	EPA 7473	01/26/2016 07:21	01/26/2016 17:05	KV
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Mercury TCLP by 7473

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0000390	0.000200	1	EPA 7473/1311	01/27/2016 07:04	01/27/2016 11:54	ALD
								Certifications: CTDOH,NJDEP,PADEP,NELAC-NY10854			

Ignitability

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Ignitability	Non-Ignit.		-	1	1	1	EPA 1030P	01/25/2016 18:18	01/25/2016 21:36	AA
								Certifications: CTDOH,PADEP			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.1**		%	0.100	0.100	1	SM 2540G	01/25/2016 11:15	01/25/2016 16:31	CLS
								Certifications: CTDOH			

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.397	0.568	1	EPA 7196A	01/27/2016 07:45	01/27/2016 14:32	SC
								Certifications: NJDEP,CTDOH,NELAC-NY10854			

Sample Information

Client Sample ID: GP-5WC **York Sample ID:** 16A0689-15

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:46 pm	01/22/2016

Corrosivity

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	pH	**9.02**	HT-pH	pH units		0.500	1	EPA 9045D	01/25/2016 20:43	01/26/2016 20:42	CLS
								Certifications: NELAC-NY10854,CTDOH,PADEP			

Reactivity-Cyanide

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	* Reactivity - Cyanide	ND		mg/kg	0.250	0.250	1	EPA SW-846 Ch.7.3.3	01/28/2016 08:49	01/28/2016 10:40	AD
								Certifications: CTDOH,PADEP			

Reactivity-Sulfide

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	*** Reactivity - Sulfide**	**24.0**		mg/kg	15.0	15.0	1	EPA SW-846 Ch.7.3.4	01/28/2016 08:52	01/28/2016 10:41	AD
								Certifications: CTDOH,PADEP			

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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	01/25/2016 17:27	01/26/2016 15:13	CLS
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for SVOCS/PEST/HERB

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

Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		N/A	1.00	1.00	1	EPA 1311	01/25/2016 19:15	01/26/2016 15:14	CLS
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

TCLP Extraction for VOA by EPA 1311 ZHE

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

Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	TCLP Extraction	Completed		%	1.00	1.00	1	EPA 1311	01/25/2016 19:16	01/26/2016 15:14	CLS
								Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: GP-5WC (9) **York Sample ID:** 16A0689-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:13 pm	01/22/2016

Sample Information

Client Sample ID: **GP-5WC (9)** **York Sample ID:** **16A0689-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:13 pm	01/22/2016

Total Petroleum Hydrocarbons-DRO (C10-C28)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-DRO	**27.9**		mg/kg dry	3.76	11.0	1	EPA 8015D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:44	01/28/2016 20:32	AMC

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*78.3 %*	*30-150*

Total Petroleum Hydrocarbons-GRO (C5-C10)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Petroleum Hydrocarbons-GRO	ND		mg/kg dry	38.1	76.2	100	EPA 8015D Certifications: NELAC-NY10854,NJDEP	01/25/2016 10:17	01/26/2016 09:48	OW

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.3 %*	*70-130*

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.5**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	01/25/2016 11:15	01/25/2016 16:31	CLS

Analytical Batch Summary

Batch ID: BA60826 **Preparation Method:** EPA SW 846-1311 TCLP ext. for met **Prepared By:** CLS

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-03	GP-4WC	01/21/16
BA60826-BLK1	Blank	01/21/16

Batch ID: BA60828 **Preparation Method:** EPA SW 846-1311 TCLP extr. for SV **Prepared By:** CLS

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-03	GP-4WC	01/21/16
BA60828-BLK1	Blank	01/21/16

Batch ID: BA60829 **Preparation Method:** EPA SW 846-1311 TCLP ZHE for VC **Prepared By:** CLS

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-03	GP-4WC	01/21/16
BA60829-BLK1	Blank	01/21/16

Batch ID: BA60852 **Preparation Method:** % Solids Prep **Prepared By:** CLS

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-03	GP-4WC	01/22/16
16A0628-04	GP-4WC (3)	01/22/16
16A0628-05	GP-4WC (6)	01/22/16
16A0628-06	GP-4WC (12)	01/22/16
BA60852-DUP1	Duplicate	01/22/16

Batch ID: BA60855 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-03	GP-4WC	01/22/16
BA60855-BLK1	Blank	01/22/16
BA60855-SRM1	Reference	01/22/16

Batch ID: BA60857 **Preparation Method:** EPA 3050B **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-03	GP-4WC	01/22/16
BA60857-BLK1	Blank	01/22/16
BA60857-SRM1	Reference	01/22/16

Batch ID: BA60863 **Preparation Method:** EPA 3550C **Prepared By:** MGL

YORK Sample ID	Client Sample ID	Preparation Date

16A0628-03	GP-4WC	01/22/16
BA60863-BLK1	Blank	01/22/16
BA60863-BS1	LCS	01/22/16
BA60863-BSD1	LCS Dup	01/22/16

Batch ID: BA60864 **Preparation Method:** EPA 3550C **Prepared By:** MGL

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-03	GP-4WC	01/22/16
BA60864-BLK1	Blank	01/22/16
BA60864-BS1	LCS	01/22/16
BA60864-BSD1	LCS Dup	01/22/16

Batch ID: BA60887 **Preparation Method:** EPA 3510C/1311 **Prepared By:** TFD

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-03	GP-4WC	01/25/16
BA60887-BLK1	Blank	01/25/16
BA60887-BS1	LCS	01/25/16
BA60887-BSD1	LCS Dup	01/25/16

Batch ID: BA60893 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-03	GP-4WC	01/25/16
BA60893-BLK1	Blank	01/25/16
BA60893-SRM1	Reference	01/25/16

Batch ID: BA60909 **Preparation Method:** EPA 5035A **Prepared By:** OW

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-04	GP-4WC (3)	01/25/16
16A0628-05	GP-4WC (6)	01/25/16
16A0628-06	GP-4WC (12)	01/25/16
16A0689-01	GP-6WC (9)	01/25/16
16A0689-02	GP-6WC (12)	01/25/16
16A0689-03	GP-6WC (6)	01/25/16
16A0689-04	GP-6WC (2)	01/25/16
16A0689-05	GP-7WC (3)	01/25/16
16A0689-11	GP-5WC (12)	01/25/16
16A0689-12	GP-5WC (2)	01/25/16
16A0689-13	GP-5WC (6)	01/25/16
16A0689-17	GP-5WC (9)	01/25/16
BA60909-BLK1	Blank	01/25/16
BA60909-SRM1	Reference	01/25/16

Batch ID: BA60913 **Preparation Method:** % Solids Prep **Prepared By:** CLS

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-01	GP-6WC (9)	01/25/16
16A0689-02	GP-6WC (12)	01/25/16
16A0689-03	GP-6WC (6)	01/25/16
16A0689-04	GP-6WC (2)	01/25/16
16A0689-05	GP-7WC (3)	01/25/16
16A0689-08	GP-6WC	01/25/16
16A0689-11	GP-5WC (12)	01/25/16
16A0689-12	GP-5WC (2)	01/25/16
16A0689-13	GP-5WC (6)	01/25/16
16A0689-15	GP-5WC	01/25/16
16A0689-17	GP-5WC (9)	01/25/16
BA60913-DUP1	Duplicate	01/25/16

Batch ID: BA60921 **Preparation Method:** EPA 3050B **Prepared By:** KV

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-08	GP-6WC	01/25/16
16A0689-15	GP-5WC	01/25/16
BA60921-BLK1	Blank	01/25/16
BA60921-SRM1	Reference	01/25/16

Batch ID: BA60929 **Preparation Method:** EPA 3550C **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-04	GP-4WC (3)	01/25/16
16A0628-05	GP-4WC (6)	01/25/16
16A0628-06	GP-4WC (12)	01/25/16
BA60929-BLK1	Blank	01/25/16
BA60929-BS1	LCS	01/25/16
BA60929-BSD1	LCS Dup	01/25/16
BA60929-MS1	Matrix Spike	01/25/16
BA60929-MSD1	Matrix Spike Dup	01/25/16

Batch ID: BA60936 **Preparation Method:** EPA SW 846-1311 TCLP ext. for met **Prepared By:** CLS

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-08	GP-6WC	01/25/16
16A0689-15	GP-5WC	01/25/16
BA60936-BLK1	Blank	01/25/16

Batch ID: BA60938 **Preparation Method:** Analysis Preparation **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-03	GP-4WC	01/25/16
16A0689-08	GP-6WC	01/25/16
16A0689-15	GP-5WC	01/25/16

Batch ID: BA60939 **Preparation Method:** EPA SW 846-1311 TCLP extr. for SV **Prepared By:** CLS

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-08	GP-6WC	01/25/16
16A0689-15	GP-5WC	01/25/16
BA60939-BLK1	Blank	01/25/16

Batch ID: BA60940 **Preparation Method:** EPA SW 846-1311 TCLP ZHE for VC **Prepared By:** CLS

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-08	GP-6WC	01/25/16
16A0689-15	GP-5WC	01/25/16
BA60940-BLK1	Blank	01/25/16

Batch ID: BA60942 **Preparation Method:** Analysis Preparation **Prepared By:** CLS

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-08	GP-6WC	01/25/16
16A0689-15	GP-5WC	01/25/16

Batch ID: BA60946 **Preparation Method:** EPA 3535A/1311 **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-03	GP-4WC	01/26/16
BA60946-BLK1	Blank	01/26/16
BA60946-BS1	LCS	01/26/16
BA60946-BSD1	LCS Dup	01/26/16

Batch ID: BA60949 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-08	GP-6WC	01/26/16
16A0689-15	GP-5WC	01/26/16
BA60949-BLK1	Blank	01/26/16
BA60949-SRM1	Reference	01/26/16

Batch ID: BA60953 **Preparation Method:** EPA 3550C **Prepared By:** KNN

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-08	GP-6WC	01/26/16
16A0689-15	GP-5WC	01/26/16
BA60953-BLK2	Blank	01/26/16
BA60953-BS2	LCS	01/26/16
BA60953-BSD2	LCS Dup	01/26/16

Batch ID: BA60983 **Preparation Method:** EPA 3015A/1311 **Prepared By:** KV

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-03	GP-4WC	01/26/16
BA60983-BLK1	Blank	01/26/16
BA60983-BLK2	Blank	01/26/16
BA60983-SRM1	Reference	01/26/16

Batch ID: BA60985 **Preparation Method:** EPA 3545A **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-03	GP-4WC	01/26/16
16A0689-08	GP-6WC	01/26/16
16A0689-15	GP-5WC	01/26/16
BA60985-BLK1	Blank	01/26/16
BA60985-BS1	LCS	01/26/16
BA60985-BSD1	LCS Dup	01/26/16

Batch ID: BA60987 **Preparation Method:** EPA 3510C/1311 **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-03	GP-4WC	01/26/16
16A0689-15	GP-5WC	01/26/16
BA60987-BLK1	Blank	01/26/16
BA60987-BS1	LCS	01/26/16
BA60987-BS2	LCS	01/26/16
BA60987-BSD1	LCS Dup	01/26/16

Batch ID: BA61004 **Preparation Method:** EPA 3510C/1311 **Prepared By:** TFD

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-08	GP-6WC	01/27/16
16A0689-15	GP-5WC	01/27/16
BA61004-BLK1	Blank	01/27/16
BA61004-BS1	LCS	01/27/16
BA61004-BSD1	LCS Dup	01/27/16

Batch ID: BA61005 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-08	GP-6WC	01/27/16
16A0689-15	GP-5WC	01/27/16
BA61005-BLK1	Blank	01/27/16
BA61005-SRM1	Reference	01/27/16

Batch ID: BA61015 **Preparation Method:** EPA 3550C **Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-08	GP-6WC	01/27/16
16A0689-15	GP-5WC	01/27/16

BA61015-BLK1	Blank	01/27/16
BA61015-BS1	LCS	01/27/16
BA61015-BSD1	LCS Dup	01/27/16

Batch ID: BA61016 **Preparation Method:** EPA 3550C **Prepared By:** KNN

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-01	GP-6WC (9)	01/27/16
16A0689-02	GP-6WC (12)	01/27/16
16A0689-03	GP-6WC (6)	01/27/16
16A0689-04	GP-6WC (2)	01/27/16
16A0689-05	GP-7WC (3)	01/27/16
16A0689-11	GP-5WC (12)	01/27/16
16A0689-12	GP-5WC (2)	01/27/16
16A0689-13	GP-5WC (6)	01/27/16
16A0689-17	GP-5WC (9)	01/27/16
BA61016-BLK1	Blank	01/27/16
BA61016-BS1	LCS	01/27/16
BA61016-BSD1	LCS Dup	01/27/16
BA61016-MS1	Matrix Spike	01/27/16

Batch ID: BA61018 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-03	GP-4WC	01/27/16
16A0689-08	GP-6WC	01/27/16
16A0689-15	GP-5WC	01/27/16
BA61018-BLK1	Blank	01/27/16
BA61018-SRM1	Reference	01/27/16

Batch ID: BA61024 **Preparation Method:** EPA 5030B/1311 **Prepared By:** OW

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-03	GP-4WC	01/27/16
BA61024-BLK1	Blank	01/27/16
BA61024-BS1	LCS	01/27/16
BA61024-BSD1	LCS Dup	01/27/16

Batch ID: BA61033 **Preparation Method:** EPA 3015A/1311 **Prepared By:** KV

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-08	GP-6WC	01/27/16
16A0689-15	GP-5WC	01/27/16
BA61033-BLK1	Blank	01/27/16
BA61033-BLK2	Blank	01/27/16
BA61033-SRM1	Reference	01/27/16

Batch ID: BA61060 **Preparation Method:** EPA 3535A/1311 **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-08	GP-6WC	01/28/16
16A0689-15	GP-5WC	01/28/16
BA61060-BLK1	Blank	01/28/16
BA61060-BS1	LCS	01/28/16
BA61060-BSD1	LCS Dup	01/28/16

Batch ID: BA61075 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-03	GP-4WC	01/28/16
BA61075-BLK1	Blank	01/28/16
BA61075-BS1	LCS	01/28/16
BA61075-BSD1	LCS Dup	01/28/16

Batch ID: BA61081 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-03	GP-4WC	01/28/16
16A0689-08	GP-6WC	01/28/16
16A0689-15	GP-5WC	01/28/16
BA61081-BLK1	Blank	01/28/16

Batch ID: BA61082 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-03	GP-4WC	01/28/16
16A0689-08	GP-6WC	01/28/16
16A0689-15	GP-5WC	01/28/16
BA61082-BLK1	Blank	01/28/16
BA61082-DUP1	Duplicate	01/28/16

Batch ID: BA61093 **Preparation Method:** Analysis Preparation **Prepared By:** CLS

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-03	GP-4WC	01/28/16

Batch ID: BA61111 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-08	GP-6WC	01/28/16
16A0689-15	GP-5WC	01/28/16
BA61111-BLK1	Blank	01/28/16
BA61111-BS1	LCS	01/28/16
BA61111-BSD1	LCS Dup	01/28/16

Batch ID: BA61118 **Preparation Method:** EPA 3510C/1311 **Prepared By:** RDS

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-08	GP-6WC	01/28/16
BA61118-BS1	LCS	01/28/16
BA61118-BSD1	LCS Dup	01/28/16

Batch ID: BA61175 **Preparation Method:** EPA 5030B/1311 **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-08	GP-6WC	01/29/16
16A0689-15	GP-5WC	01/29/16
BA61175-BLK1	Blank	01/29/16
BA61175-BS1	LCS	01/29/16
BA61175-BSD1	LCS Dup	01/29/16

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 BA61024 - EPA 5030B/1311											
Blank (BA61024-BLK1)								Prepared & Analyzed: 01/27/2016			
1,1-Dichloroethylene	ND	5.0	ug/L								
1,2-Dichloroethane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2-Butanone	ND	5.0	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*47.1*		*"*	*50.0*		*94.1*	*65-135*				
Surrogate: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*95.9*	*81-114*				
Surrogate: Toluene-d8	*50.5*		*"*	*50.0*		*101*	*86-118*				
LCS (BA61024-BS1)								Prepared & Analyzed: 01/27/2016			
1,1-Dichloroethylene	54		ug/L	50.0		108	68-134				
1,2-Dichloroethane	57		"	50.0		115	69-133				
1,4-Dichlorobenzene	57		"	50.0		114	82-124				
2-Butanone	76		"	50.0		153	44-169				
Benzene	54		"	50.0		108	72-134				
Carbon tetrachloride	54		"	50.0		107	62-145				
Chlorobenzene	54		"	50.0		109	85-119				
Chloroform	55		"	50.0		111	74-131				
Tetrachloroethylene	52		"	50.0		105	78-133				
Trichloroethylene	54		"	50.0		107	81-125				
Vinyl Chloride	57		"	50.0		115	42-136				
Surrogate: 1,2-Dichloroethane-d4	*50.1*		*"*	*50.0*		*100*	*65-135*				
Surrogate: p-Bromofluorobenzene	*50.3*		*"*	*50.0*		*101*	*81-114*				
Surrogate: Toluene-d8	*49.2*		*"*	*50.0*		*98.5*	*86-118*				

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 BA61024 - EPA 5030B/1311											
LCS Dup (BA61024-BSD1)								Prepared & Analyzed: 01/27/2016			
1,1-Dichloroethylene	56		ug/L	50.0		113	68-134		3.75	30	
1,2-Dichloroethane	56		"	50.0		111	69-133		3.25	30	
1,4-Dichlorobenzene	55		"	50.0		111	82-124		2.35	30	
2-Butanone	60		"	50.0		120	44-169		23.9	30	
Benzene	55		"	50.0		110	72-134		1.43	30	
Carbon tetrachloride	55		"	50.0		109	62-145		1.72	30	
Chlorobenzene	56		"	50.0		113	85-119		3.97	30	
Chloroform	56		"	50.0		112	74-131		1.76	30	
Tetrachloroethylene	54		"	50.0		109	78-133		3.78	30	
Trichloroethylene	57		"	50.0		114	81-125		5.96	30	
Vinyl Chloride	58		"	50.0		115	42-136		0.0348	30	
Surrogate: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.3*	*65-135*				
Surrogate: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*81-114*				
Surrogate: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*86-118*				
Batch BA61075 - EPA 5035A											
Blank (BA61075-BLK1)								Prepared & Analyzed: 01/28/2016			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								

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 BA61075 - EPA 5035A											
Blank (BA61075-BLK1)								Prepared & Analyzed: 01/28/2016			
Chlorobenzene	ND	0.0050	mg/kg wet								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.010	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*50.7*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: Toluene-d8	*48.7*		*"*	*50.0*		*97.4*	*85-120*				
Surrogate: p-Bromofluorobenzene	*44.3*		*"*	*50.0*		*88.6*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61075 - EPA 5035A											
LCS (BA61075-BS1)							Prepared & Analyzed: 01/28/2016				
1,1,1,2-Tetrachloroethane	59		ug/L	50.0		117	75-129				
1,1,1-Trichloroethane	60		"	50.0		120	71-137				
1,1,2,2-Tetrachloroethane	62		"	50.0		124	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		113	58-146				
1,1,2-Trichloroethane	60		"	50.0		120	83-123				
1,1-Dichloroethane	61		"	50.0		121	75-130				
1,1-Dichloroethylene	59		"	50.0		117	64-137				
1,2,3-Trichlorobenzene	59		"	50.0		117	81-140				
1,2,3-Trichloropropane	59		"	50.0		118	81-126				
1,2,4-Trichlorobenzene	57		"	50.0		113	80-141				
1,2,4-Trimethylbenzene	55		"	50.0		111	84-125				
1,2-Dibromo-3-chloropropane	61		"	50.0		123	74-142				
1,2-Dibromoethane	61		"	50.0		123	86-123				
1,2-Dichlorobenzene	58		"	50.0		115	85-122				
1,2-Dichloroethane	61		"	50.0		122	71-133				
1,2-Dichloropropane	58		"	50.0		116	81-122				
1,3,5-Trimethylbenzene	56		"	50.0		112	82-126				
1,3-Dichlorobenzene	57		"	50.0		114	84-124				
1,4-Dichlorobenzene	57		"	50.0		113	84-124				
1,4-Dioxane	1400		"	1000		136	10-228				
2-Butanone	66		"	50.0		132	58-147				
2-Hexanone	64		"	50.0		129	70-139				
4-Methyl-2-pentanone	90		"	50.0		179	72-132	High Bias			
Acetone	64		"	50.0		128	36-155				
Acrolein	64		"	50.0		127	10-238				
Acrylonitrile	71		"	50.0		143	66-141	High Bias			
Benzene	62		"	50.0		124	77-127				
Bromochloromethane	62		"	50.0		124	74-129				
Bromodichloromethane	60		"	50.0		119	81-124				
Bromoform	63		"	50.0		126	80-136				
Bromomethane	45		"	50.0		89.3	32-177				
Carbon disulfide	59		"	50.0		118	10-136				
Carbon tetrachloride	59		"	50.0		119	66-143				
Chlorobenzene	59		"	50.0		117	86-120				
Chloroethane	55		"	50.0		110	51-142				
Chloroform	61		"	50.0		122	76-131				
Chloromethane	54		"	50.0		109	49-132				
cis-1,2-Dichloroethylene	62		"	50.0		125	74-132				
cis-1,3-Dichloropropylene	59		"	50.0		118	81-129				
Cyclohexane	56		"	50.0		113	70-130				
Dibromochloromethane	61		"	50.0		122	10-200				
Dibromomethane	60		"	50.0		119	83-124				
Dichlorodifluoromethane	54		"	50.0		108	28-158				
Ethyl Benzene	57		"	50.0		113	84-125				
Hexachlorobutadiene	55		"	50.0		111	83-133				
Isopropylbenzene	55		"	50.0		110	81-127				
Methyl acetate	67		"	50.0		134	41-143				
Methyl tert-butyl ether (MTBE)	61		"	50.0		122	74-131				
Methylcyclohexane	55		"	50.0		111	70-130				
Methylene chloride	56		"	50.0		113	57-141				
n-Butylbenzene	55		"	50.0		110	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61075 - EPA 5035A											
LCS (BA61075-BS1)								Prepared & Analyzed: 01/28/2016			
n-Propylbenzene	56		ug/L	50.0		111	74-136				
o-Xylene	56		"	50.0		112	83-123				
p- & m- Xylenes	110		"	100		108	82-128				
p-Isopropyltoluene	55		"	50.0		110	85-125				
sec-Butylbenzene	56		"	50.0		112	83-125				
Styrene	57		"	50.0		115	86-126				
tert-Butyl alcohol (TBA)	68		"	50.0		137	70-130	High Bias			
tert-Butylbenzene	56		"	50.0		112	80-127				
Tetrachloroethylene	57		"	50.0		113	80-129				
Toluene	58		"	50.0		115	85-121				
trans-1,2-Dichloroethylene	60		"	50.0		119	72-132				
trans-1,3-Dichloropropylene	60		"	50.0		120	78-132				
Trichloroethylene	57		"	50.0		115	84-123				
Trichlorofluoromethane	57		"	50.0		114	62-140				
Vinyl Chloride	57		"	50.0		115	52-130				
Surrogate: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.4*	*77-125*				
Surrogate: Toluene-d8	*48.0*		*"*	*50.0*		*96.1*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.3*		*"*	*50.0*		*101*	*76-130*				
LCS Dup (BA61075-BSD1)								Prepared & Analyzed: 01/28/2016			
1,1,1,2-Tetrachloroethane	59		ug/L	50.0		119	75-129		1.07	30	
1,1,1-Trichloroethane	60		"	50.0		120	71-137		0.0334	30	
1,1,2,2-Tetrachloroethane	60		"	50.0		120	79-129		3.65	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55		"	50.0		110	58-146		2.28	30	
1,1,2-Trichloroethane	60		"	50.0		120	83-123		0.0166	30	
1,1-Dichloroethane	61		"	50.0		122	75-130		0.509	30	
1,1-Dichloroethylene	56		"	50.0		112	64-137		5.03	30	
1,2,3-Trichlorobenzene	60		"	50.0		120	81-140		1.70	30	
1,2,3-Trichloropropane	58		"	50.0		116	81-126		1.66	30	
1,2,4-Trichlorobenzene	57		"	50.0		115	80-141		1.28	30	
1,2,4-Trimethylbenzene	57		"	50.0		113	84-125		2.38	30	
1,2-Dibromo-3-chloropropane	66		"	50.0		132	74-142		7.34	30	
1,2-Dibromoethane	60		"	50.0		119	86-123		2.63	30	
1,2-Dichlorobenzene	58		"	50.0		116	85-122		0.589	30	
1,2-Dichloroethane	60		"	50.0		120	71-133		1.19	30	
1,2-Dichloropropane	56		"	50.0		113	81-122		3.42	30	
1,3,5-Trimethylbenzene	54		"	50.0		109	82-126		2.85	30	
1,3-Dichlorobenzene	56		"	50.0		112	84-124		1.93	30	
1,4-Dichlorobenzene	57		"	50.0		114	84-124		0.406	30	
1,4-Dioxane	1200		"	1000		125	10-228		8.44	30	
2-Butanone	57		"	50.0		114	58-147		14.8	30	
2-Hexanone	59		"	50.0		118	70-139		8.81	30	
4-Methyl-2-pentanone	82		"	50.0		164	72-132	High Bias	8.95	30	
Acetone	51		"	50.0		102	36-155		22.8	30	
Acrolein	60		"	50.0		120	10-238		6.19	30	
Acrylonitrile	67		"	50.0		134	66-141		6.00	30	
Benzene	60		"	50.0		119	77-127		3.61	30	
Bromochloromethane	62		"	50.0		125	74-129		0.933	30	
Bromodichloromethane	58		"	50.0		116	81-124		2.94	30	
Bromoform	61		"	50.0		123	80-136		2.51	30	
Bromomethane	47		"	50.0		93.8	32-177		4.85	30	
Carbon disulfide	56		"	50.0		113	10-136		4.34	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61075 - EPA 5035A											
LCS Dup (BA61075-BSD1)							Prepared & Analyzed: 01/28/2016				
Carbon tetrachloride	59		ug/L	50.0		117	66-143		1.15	30	
Chlorobenzene	59		"	50.0		118	86-120		0.562	30	
Chloroethane	51		"	50.0		103	51-142		6.14	30	
Chloroform	60		"	50.0		121	76-131		1.07	30	
Chloromethane	55		"	50.0		109	49-132		0.459	30	
cis-1,2-Dichloroethylene	61		"	50.0		122	74-132		2.53	30	
cis-1,3-Dichloropropylene	60		"	50.0		119	81-129		0.892	30	
Cyclohexane	53		"	50.0		106	70-130		6.06	30	
Dibromochloromethane	62		"	50.0		124	10-200		1.68	30	
Dibromomethane	58		"	50.0		117	83-124		2.07	30	
Dichlorodifluoromethane	55		"	50.0		110	28-158		1.28	30	
Ethyl Benzene	56		"	50.0		113	84-125		0.390	30	
Hexachlorobutadiene	57		"	50.0		113	83-133		2.27	30	
Isopropylbenzene	56		"	50.0		113	81-127		2.22	30	
Methyl acetate	60		"	50.0		119	41-143		11.1	30	
Methyl tert-butyl ether (MTBE)	59		"	50.0		119	74-131		3.00	30	
Methylcyclohexane	53		"	50.0		107	70-130		3.79	30	
Methylene chloride	53		"	50.0		107	57-141		5.43	30	
n-Butylbenzene	55		"	50.0		110	80-130		0.272	30	
n-Propylbenzene	57		"	50.0		114	74-136		2.10	30	
o-Xylene	56		"	50.0		112	83-123		0.285	30	
p- & m- Xylenes	110		"	100		108	82-128		0.148	30	
p-Isopropyltoluene	55		"	50.0		111	85-125		0.490	30	
sec-Butylbenzene	56		"	50.0		112	83-125		0.0179	30	
Styrene	56		"	50.0		112	86-126		2.23	30	
tert-Butyl alcohol (TBA)	60		"	50.0		121	70-130		12.2	30	
tert-Butylbenzene	56		"	50.0		111	80-127		1.25	30	
Tetrachloroethylene	56		"	50.0		112	80-129		0.850	30	
Toluene	57		"	50.0		114	85-121		1.08	30	
trans-1,2-Dichloroethylene	58		"	50.0		116	72-132		2.98	30	
trans-1,3-Dichloropropylene	60		"	50.0		120	78-132		0.0167	30	
Trichloroethylene	57		"	50.0		115	84-123		0.0174	30	
Trichlorofluoromethane	56		"	50.0		112	62-140		1.68	30	
Vinyl Chloride	54		"	50.0		108	52-130		5.69	30	
Surrogate: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.8*	*77-125*				
Surrogate: Toluene-d8	*48.0*		*"*	*50.0*		*95.9*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61111 - EPA 5035A											
Blank (BA61111-BLK1)								Prepared & Analyzed: 01/28/2016			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
Tentatively Identified Compounds	0.0		ug/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	0.0026	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61111 - EPA 5035A											
Blank (BA61111-BLK1)								Prepared & Analyzed: 01/28/2016			
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.010	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*54.1*		*ug/L*	*50.0*		*108*	*77-125*				
Surrogate: Toluene-d8	*49.1*		*"*	*50.0*		*98.3*	*85-120*				
Surrogate: p-Bromofluorobenzene	*42.7*		*"*	*50.0*		*85.3*	*76-130*				
LCS (BA61111-BS1)								Prepared & Analyzed: 01/28/2016			
1,1,1,2-Tetrachloroethane	57		ug/L	50.0		114	75-129				
1,1,1-Trichloroethane	57		"	50.0		114	71-137				
1,1,2,2-Tetrachloroethane	58		"	50.0		116	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		107	58-146				
1,1,2-Trichloroethane	56		"	50.0		112	83-123				
1,1-Dichloroethane	59		"	50.0		118	75-130				
1,1-Dichloroethylene	54		"	50.0		109	64-137				
1,2,3-Trichlorobenzene	56		"	50.0		112	81-140				
1,2,3-Trichloropropane	56		"	50.0		111	81-126				
1,2,4-Trichlorobenzene	52		"	50.0		104	80-141				
1,2,4-Trimethylbenzene	52		"	50.0		104	84-125				
1,2-Dibromo-3-chloropropane	63		"	50.0		125	74-142				
1,2-Dibromoethane	59		"	50.0		117	86-123				
1,2-Dichlorobenzene	55		"	50.0		109	85-122				
1,2-Dichloroethane	61		"	50.0		123	71-133				
1,2-Dichloropropane	54		"	50.0		107	81-122				
1,3,5-Trimethylbenzene	52		"	50.0		105	82-126				
1,3-Dichlorobenzene	53		"	50.0		105	84-124				
1,4-Dichlorobenzene	52		"	50.0		105	84-124				
1,4-Dioxane	1400		"	1000		141	10-228				
2-Butanone	59		"	50.0		118	58-147				
2-Hexanone	59		"	50.0		118	70-139				
4-Methyl-2-pentanone	59		"	50.0		117	72-132				
Acetone	47		"	50.0		93.7	36-155				
Acrolein	60		"	50.0		120	10-238				
Acrylonitrile	70		"	50.0		139	66-141				
Benzene	58		"	50.0		116	77-127				
Bromochloromethane	59		"	50.0		119	74-129				
Bromodichloromethane	56		"	50.0		112	81-124				
Bromoform	60		"	50.0		120	80-136				

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 BA61111 - EPA 5035A											
LCS (BA61111-BS1)							Prepared & Analyzed: 01/28/2016				
Bromomethane	46		ug/L	50.0		92.5	32-177				
Carbon disulfide	54		"	50.0		109	10-136				
Carbon tetrachloride	56		"	50.0		113	66-143				
Chlorobenzene	54		"	50.0		109	86-120				
Chloroethane	51		"	50.0		102	51-142				
Chloroform	60		"	50.0		120	76-131				
Chloromethane	50		"	50.0		101	49-132				
cis-1,2-Dichloroethylene	61		"	50.0		123	74-132				
cis-1,3-Dichloropropylene	56		"	50.0		112	81-129				
Cyclohexane	54		"	50.0		109	70-130				
Dibromochloromethane	58		"	50.0		115	10-200				
Dibromomethane	56		"	50.0		112	83-124				
Dichlorodifluoromethane	49		"	50.0		98.7	28-158				
Ethyl Benzene	53		"	50.0		107	84-125				
Hexachlorobutadiene	52		"	50.0		105	83-133				
Isopropylbenzene	51		"	50.0		102	81-127				
Methyl acetate	64		"	50.0		128	41-143				
Methyl tert-butyl ether (MTBE)	62		"	50.0		125	74-131				
Methylcyclohexane	49		"	50.0		98.0	70-130				
Methylene chloride	54		"	50.0		108	57-141				
n-Butylbenzene	51		"	50.0		101	80-130				
n-Propylbenzene	50		"	50.0		99.2	74-136				
o-Xylene	53		"	50.0		106	83-123				
p- & m- Xylenes	100		"	100		103	82-128				
p-Isopropyltoluene	51		"	50.0		102	85-125				
sec-Butylbenzene	52		"	50.0		103	83-125				
Styrene	54		"	50.0		109	86-126				
tert-Butyl alcohol (TBA)	72		"	50.0		144	70-130	High Bias			
tert-Butylbenzene	52		"	50.0		105	80-127				
Tetrachloroethylene	54		"	50.0		108	80-129				
Toluene	53		"	50.0		106	85-121				
trans-1,2-Dichloroethylene	58		"	50.0		116	72-132				
trans-1,3-Dichloropropylene	55		"	50.0		110	78-132				
Trichloroethylene	54		"	50.0		108	84-123				
Trichlorofluoromethane	52		"	50.0		105	62-140				
Vinyl Chloride	55		"	50.0		109	52-130				
Surrogate: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: Toluene-d8	*48.7*		*"*	*50.0*		*97.5*	*85-120*				
Surrogate: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*96.1*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61111 - EPA 5035A											
LCS Dup (BA61111-BSD1)								Prepared & Analyzed: 01/28/2016			
1,1,1,2-Tetrachloroethane	60		ug/L	50.0		119	75-129		4.86	30	
1,1,1-Trichloroethane	55		"	50.0		110	71-137		3.03	30	
1,1,2,2-Tetrachloroethane	65		"	50.0		131	79-129	High Bias	12.0	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		103	58-146		4.20	30	
1,1,2-Trichloroethane	62		"	50.0		124	83-123	High Bias	9.79	30	
1,1-Dichloroethane	57		"	50.0		114	75-130		3.83	30	
1,1-Dichloroethylene	51		"	50.0		103	64-137		5.28	30	
1,2,3-Trichlorobenzene	62		"	50.0		123	81-140		9.54	30	
1,2,3-Trichloropropane	66		"	50.0		131	81-126	High Bias	16.3	30	
1,2,4-Trichlorobenzene	58		"	50.0		117	80-141		11.8	30	
1,2,4-Trimethylbenzene	55		"	50.0		111	84-125		6.72	30	
1,2-Dibromo-3-chloropropane	75		"	50.0		149	74-142	High Bias	17.6	30	
1,2-Dibromoethane	62		"	50.0		124	86-123	High Bias	5.83	30	
1,2-Dichlorobenzene	61		"	50.0		122	85-122		10.6	30	
1,2-Dichloroethane	60		"	50.0		120	71-133		1.81	30	
1,2-Dichloropropane	55		"	50.0		110	81-122		2.68	30	
1,3,5-Trimethylbenzene	53		"	50.0		106	82-126		0.837	30	
1,3-Dichlorobenzene	56		"	50.0		112	84-124		6.25	30	
1,4-Dichlorobenzene	57		"	50.0		114	84-124		7.99	30	
1,4-Dioxane	1500		"	1000		152	10-228		7.97	30	
2-Butanone	63		"	50.0		126	58-147		7.23	30	
2-Hexanone	64		"	50.0		129	70-139		9.03	30	
4-Methyl-2-pentanone	64		"	50.0		128	72-132		8.85	30	
Acetone	50		"	50.0		99.6	36-155		6.12	30	
Acrolein	59		"	50.0		118	10-238		1.85	30	
Acrylonitrile	68		"	50.0		137	66-141		1.71	30	
Benzene	57		"	50.0		114	77-127		1.85	30	
Bromochloromethane	59		"	50.0		118	74-129		0.796	30	
Bromodichloromethane	57		"	50.0		114	81-124		1.89	30	
Bromoform	66		"	50.0		132	80-136		9.58	30	
Bromomethane	42		"	50.0		83.1	32-177		10.7	30	
Carbon disulfide	52		"	50.0		105	10-136		3.58	30	
Carbon tetrachloride	55		"	50.0		109	66-143		3.37	30	
Chlorobenzene	59		"	50.0		117	86-120		7.38	30	
Chloroethane	48		"	50.0		96.2	51-142		5.85	30	
Chloroform	58		"	50.0		116	76-131		3.41	30	
Chloromethane	49		"	50.0		97.1	49-132		3.92	30	
cis-1,2-Dichloroethylene	60		"	50.0		120	74-132		2.79	30	
cis-1,3-Dichloropropylene	58		"	50.0		116	81-129		3.97	30	
Cyclohexane	49		"	50.0		98.3	70-130		9.98	30	
Dibromochloromethane	62		"	50.0		125	10-200		8.16	30	
Dibromomethane	57		"	50.0		115	83-124		2.36	30	
Dichlorodifluoromethane	46		"	50.0		92.8	28-158		6.10	30	
Ethyl Benzene	55		"	50.0		110	84-125		2.71	30	
Hexachlorobutadiene	58		"	50.0		117	83-133		10.6	30	
Isopropylbenzene	54		"	50.0		108	81-127		5.53	30	
Methyl acetate	62		"	50.0		125	41-143		2.56	30	
Methyl tert-butyl ether (MTBE)	60		"	50.0		120	74-131		3.95	30	
Methylcyclohexane	49		"	50.0		97.2	70-130		0.758	30	
Methylene chloride	51		"	50.0		103	57-141		4.48	30	
n-Butylbenzene	53		"	50.0		107	80-130		5.15	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61111 - EPA 5035A											
LCS Dup (BA61111-BSD1)								Prepared & Analyzed: 01/28/2016			
n-Propylbenzene	52		ug/L	50.0		105	74-136		5.41	30	
o-Xylene	55		"	50.0		109	83-123		3.20	30	
p- & m- Xylenes	110		"	100		107	82-128		4.20	30	
p-Isopropyltoluene	54		"	50.0		107	85-125		5.25	30	
sec-Butylbenzene	55		"	50.0		109	83-125		5.78	30	
Styrene	58		"	50.0		115	86-126		5.95	30	
tert-Butyl alcohol (TBA)	74		"	50.0		148	70-130	High Bias	2.68	30	
tert-Butylbenzene	54		"	50.0		109	80-127		3.82	30	
Tetrachloroethylene	57		"	50.0		114	80-129		4.94	30	
Toluene	53		"	50.0		106	85-121		0.0376	30	
trans-1,2-Dichloroethylene	54		"	50.0		108	72-132		6.98	30	
trans-1,3-Dichloropropylene	58		"	50.0		117	78-132		5.99	30	
Trichloroethylene	54		"	50.0		107	84-123		0.726	30	
Trichlorofluoromethane	50		"	50.0		100	62-140		4.53	30	
Vinyl Chloride	51		"	50.0		103	52-130		6.12	30	
Surrogate: 1,2-Dichloroethane-d4	*49.9*		*"*	*50.0*		*99.8*	*77-125*				
Surrogate: Toluene-d8	*47.8*		*"*	*50.0*		*95.5*	*85-120*				
Surrogate: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.2*	*76-130*				
Batch BA61175 - EPA 5030B/1311											
Blank (BA61175-BLK1)								Prepared & Analyzed: 01/29/2016			
1,1-Dichloroethylene	ND	5.0	ug/L								
1,2-Dichloroethane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2-Butanone	ND	5.0	"								
Benzene	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroform	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.0*		*98.6*	*65-135*				
Surrogate: p-Bromofluorobenzene	*46.8*		*"*	*50.0*		*93.5*	*81-114*				
Surrogate: Toluene-d8	*49.9*		*"*	*50.0*		*99.8*	*86-118*				

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 BA61175 - EPA 5030B/1311											
LCS (BA61175-BS1)							Prepared & Analyzed: 01/29/2016				
1,1-Dichloroethylene	55		ug/L	50.0		110	68-134				
1,2-Dichloroethane	54		"	50.0		108	69-133				
1,4-Dichlorobenzene	57		"	50.0		115	82-124				
2-Butanone	74		"	50.0		148	44-169				
Benzene	57		"	50.0		114	72-134				
Carbon tetrachloride	54		"	50.0		108	62-145				
Chlorobenzene	57		"	50.0		114	85-119				
Chloroform	56		"	50.0		112	74-131				
Tetrachloroethylene	61		"	50.0		121	78-133				
Trichloroethylene	58		"	50.0		116	81-125				
Vinyl Chloride	56		"	50.0		113	42-136				
Surrogate: 1,2-Dichloroethane-d4	*49.1*		*"*	*50.0*		*98.1*	*65-135*				
Surrogate: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*81-114*				
Surrogate: Toluene-d8	*49.8*		*"*	*50.0*		*99.6*	*86-118*				
LCS Dup (BA61175-BSD1)							Prepared & Analyzed: 01/29/2016				
1,1-Dichloroethylene	52		ug/L	50.0		105	68-134		4.97	30	
1,2-Dichloroethane	54		"	50.0		107	69-133		1.02	30	
1,4-Dichlorobenzene	56		"	50.0		112	82-124		2.67	30	
2-Butanone	57		"	50.0		115	44-169		25.6	30	
Benzene	55		"	50.0		110	72-134		3.81	30	
Carbon tetrachloride	54		"	50.0		108	62-145		0.296	30	
Chlorobenzene	57		"	50.0		113	85-119		0.581	30	
Chloroform	55		"	50.0		111	74-131		1.54	30	
Tetrachloroethylene	59		"	50.0		118	78-133		3.13	30	
Trichloroethylene	58		"	50.0		115	81-125		0.382	30	
Vinyl Chloride	54		"	50.0		108	42-136		4.46	30	
Surrogate: 1,2-Dichloroethane-d4	*48.0*		*"*	*50.0*		*96.1*	*65-135*				
Surrogate: p-Bromofluorobenzene	*48.6*		*"*	*50.0*		*97.2*	*81-114*				
Surrogate: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*86-118*				

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 BA60863 - EPA 3550C											
Blank (BA60863-BLK1)								Prepared: 01/22/2016 Analyzed: 01/24/2016			
1,1'-Biphenyl	ND	0.0417	mg/kg wet								
Tentatively Identified Compounds	0.00		ug/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3'-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								

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 BA60863 - EPA 3550C											
Blank (BA60863-BLK1)								Prepared: 01/22/2016 Analyzed: 01/24/2016			
Bis(2-ethylhexyl)phthalate	ND	0.0417	mg/kg wet								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Surrogate: 2-Fluorophenol	*1.85*		*"*	*2.50*		*74.0*	*20-108*				
Surrogate: Phenol-d5	*1.93*		*"*	*2.51*		*76.9*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.27*		*"*	*1.68*		*76.0*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.13*		*"*	*1.67*		*67.4*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*1.45*		*"*	*2.51*		*57.7*	*19-110*				
Surrogate: Terphenyl-d14	*1.00*		*"*	*1.67*		*60.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60863 - EPA 3550C											
LCS (BA60863-BS1)								Prepared: 01/22/2016 Analyzed: 01/24/2016			
1,1'-Biphenyl	0.863	0.0417	mg/kg wet				22-103				
1,2,4,5-Tetrachlorobenzene	0.896	0.0833	"	1.67		53.8	10-144				
1,2,4-Trichlorobenzene	0.931	0.0417	"	1.67		55.8	23-130				
1,2-Dichlorobenzene	0.867	0.0417	"	1.67		52.0	26-113				
1,2-Diphenylhydrazine (as Azobenzene)	0.829	0.0417	"	1.67		49.7	10-140				
1,3-Dichlorobenzene	0.854	0.0417	"	1.67		51.3	32-113				
1,4-Dichlorobenzene	0.854	0.0417	"	1.67		51.3	28-111				
2,3,4,6-Tetrachlorophenol	0.728	0.0833	"	1.67		43.7	30-130				
2,4,5-Trichlorophenol	0.843	0.0417	"	1.67		50.6	14-138				
2,4,6-Trichlorophenol	0.997	0.0417	"	1.67		59.8	27-122				
2,4-Dichlorophenol	1.02	0.0417	"	1.67		61.0	23-133				
2,4-Dimethylphenol	0.837	0.0417	"	1.67		50.2	15-131				
2,4-Dinitrophenol	1.06	0.0833	"	1.67		63.9	10-149				
2,4-Dinitrotoluene	1.18	0.0417	"	1.67		71.0	30-123				
2,6-Dinitrotoluene	1.17	0.0417	"	1.67		70.4	30-125				
2-Chloronaphthalene	0.972	0.0417	"	1.67		58.3	22-115				
2-Chlorophenol	0.925	0.0417	"	1.67		55.5	25-121				
2-Methylnaphthalene	0.833	0.0417	"	1.67		50.0	16-127				
2-Methylphenol	0.786	0.0417	"	1.67		47.2	10-146				
2-Nitroaniline	1.09	0.0833	"	1.67		65.2	24-126				
2-Nitrophenol	0.970	0.0417	"	1.67		58.2	17-129				
3- & 4-Methylphenols	0.780	0.0417	"	1.67		46.8	20-109				
3,3'-Dichlorobenzidine	1.43	0.0417	"	1.67		85.6	10-147				
3-Nitroaniline	1.04	0.0833	"	1.67		62.2	23-123				
4,6-Dinitro-2-methylphenol	0.687	0.0833	"	1.67		41.2	10-149				
4-Bromophenyl phenyl ether	0.775	0.0417	"	1.67		46.5	30-138				
4-Chloro-3-methylphenol	0.944	0.0417	"	1.67		56.7	16-138				
4-Chloroaniline	0.968	0.0417	"	1.67		58.1	10-117				
4-Chlorophenyl phenyl ether	0.858	0.0417	"	1.67		51.5	18-132				
4-Nitroaniline	0.928	0.0833	"	1.67		55.7	14-125				
4-Nitrophenol	0.884	0.0833	"	1.67		53.0	10-136				
Acenaphthene	0.893	0.0417	"	1.67		53.6	17-124				
Acenaphthylene	0.906	0.0417	"	1.67		54.3	16-124				
Acetophenone	0.894	0.0417	"	1.67		53.6	28-105				
Aniline	0.683	0.167	"	1.67		41.0	10-111				
Anthracene	0.872	0.0417	"	1.67		52.3	24-124				
Atrazine	0.946	0.0417	"	1.67		56.8	22-120				
Benzaldehyde	0.914	0.0417	"	1.67		54.8	21-100				
Benzo(a)anthracene	1.18	0.0417	"	1.67		70.8	25-134				
Benzo(a)pyrene	1.28	0.0417	"	1.67		76.6	29-144				
Benzo(b)fluoranthene	1.13	0.0417	"	1.67		67.7	20-151				
Benzo(g,h,i)perylene	1.07	0.0417	"	1.67		64.4	10-153				
Benzo(k)fluoranthene	1.16	0.0417	"	1.67		69.4	10-148				
Benzoic acid	0.778	0.0417	"	1.67		46.7	10-116				
Benzyl alcohol	0.869	0.0417	"	1.67		52.1	17-128				
Benzyl butyl phthalate	1.38	0.0417	"	1.67		82.9	10-132				
Bis(2-chloroethoxy)methane	0.869	0.0417	"	1.67		52.1	10-129				
Bis(2-chloroethyl)ether	0.890	0.0417	"	1.67		53.4	14-125				
Bis(2-chloroisopropyl)ether	1.00	0.0417	"	1.67		60.1	14-122				
Bis(2-ethylhexyl)phthalate	0.915	0.0417	"	1.67		54.9	10-141				
Caprolactam	1.17	0.0833	"	1.67		70.3	10-123				

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 BA60863 - EPA 3550C											
LCS (BA60863-BS1)								Prepared: 01/22/2016 Analyzed: 01/24/2016			
Carbazole	0.938	0.0417	mg/kg wet	1.67		56.3	31-120				
Chrysene	1.28	0.0417	"	1.67		77.0	24-116				
Dibenzo(a,h)anthracene	0.902	0.0417	"	1.67		54.1	17-147				
Dibenzofuran	0.910	0.0417	"	1.67		54.6	23-123				
Diethyl phthalate	0.963	0.0417	"	1.67		57.8	23-122				
Dimethyl phthalate	1.06	0.0417	"	1.67		63.8	28-127				
Di-n-butyl phthalate	0.899	0.0417	"	1.67		53.9	19-123				
Di-n-octyl phthalate	1.28	0.0417	"	1.67		77.1	10-132				
Fluoranthene	0.945	0.0417	"	1.67		56.7	36-125				
Fluorene	0.896	0.0417	"	1.67		53.8	16-130				
Hexachlorobenzene	0.752	0.0417	"	1.67		45.1	10-129				
Hexachlorobutadiene	0.829	0.0417	"	1.67		49.7	22-153				
Hexachlorocyclopentadiene	0.391	0.0417	"	1.67		23.4	10-134				
Hexachloroethane	0.835	0.0417	"	1.67		50.1	20-112				
Indeno(1,2,3-cd)pyrene	0.946	0.0417	"	1.67		56.8	10-155				
Isophorone	0.897	0.0417	"	1.67		53.8	14-131				
Naphthalene	0.855	0.0417	"	1.67		51.3	20-121				
Nitrobenzene	0.901	0.0417	"	1.67		54.1	20-121				
N-Nitrosodimethylamine	0.785	0.0417	"	1.67		47.1	10-124				
N-nitroso-di-n-propylamine	0.759	0.0417	"	1.67		45.6	21-119				
N-Nitrosodiphenylamine	0.889	0.0417	"	1.67		53.3	10-163				
Pentachlorophenol	0.689	0.0417	"	1.67		41.4	10-143				
Phenanthrene	0.880	0.0417	"	1.67		52.8	24-123				
Phenol	0.761	0.0417	"	1.67		45.7	15-123				
Pyrene	1.35	0.0417	"	1.67		81.0	24-132				
Surrogate: 2-Fluorophenol	*1.35*		*"*	*2.50*		*54.1*	*20-108*				
Surrogate: Phenol-d5	*1.16*		*"*	*2.51*		*46.2*	*23-114*				
Surrogate: Nitrobenzene-d5	*0.895*		*"*	*1.68*		*53.4*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*0.718*		*"*	*1.67*		*43.0*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*0.945*		*"*	*2.51*		*37.6*	*30-130*				
Surrogate: Terphenyl-d14	*1.11*		*"*	*1.67*		*66.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60863 - EPA 3550C											
LCS Dup (BA60863-BSD1)								Prepared: 01/22/2016 Analyzed: 01/24/2016			
1,1'-Biphenyl	0.900	0.0417	mg/kg wet				22-103		4.20	30	
1,2,4,5-Tetrachlorobenzene	0.974	0.0833	"	1.67		58.4	10-144		8.31	30	
1,2,4-Trichlorobenzene	1.01	0.0417	"	1.67		60.8	23-130		8.54	30	
1,2-Dichlorobenzene	0.952	0.0417	"	1.67		57.1	26-113		9.35	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.927	0.0417	"	1.67		55.6	10-140		11.2	30	
1,3-Dichlorobenzene	1.01	0.0417	"	1.67		60.6	32-113		16.7	30	
1,4-Dichlorobenzene	1.00	0.0417	"	1.67		60.1	28-111		15.9	30	
2,3,4,6-Tetrachlorophenol	0.884	0.0833	"	1.67		53.0	30-130		19.4	30	
2,4,5-Trichlorophenol	0.942	0.0417	"	1.67		56.5	14-138		11.1	30	
2,4,6-Trichlorophenol	1.18	0.0417	"	1.67		70.8	27-122		16.8	30	
2,4-Dichlorophenol	1.12	0.0417	"	1.67		67.4	23-133		9.90	30	
2,4-Dimethylphenol	0.963	0.0417	"	1.67		57.8	15-131		13.9	30	
2,4-Dinitrophenol	1.39	0.0833	"	1.67		83.2	10-149		26.3	30	
2,4-Dinitrotoluene	1.43	0.0417	"	1.67		86.0	30-123		19.1	30	
2,6-Dinitrotoluene	1.39	0.0417	"	1.67		83.4	30-125		16.9	30	
2-Chloronaphthalene	1.07	0.0417	"	1.67		64.2	22-115		9.60	30	
2-Chlorophenol	1.08	0.0417	"	1.67		65.0	25-121		15.8	30	
2-Methylnaphthalene	0.942	0.0417	"	1.67		56.5	16-127		12.3	30	
2-Methylphenol	0.912	0.0417	"	1.67		54.7	10-146		14.8	30	
2-Nitroaniline	1.29	0.0833	"	1.67		77.3	24-126		17.1	30	
2-Nitrophenol	1.09	0.0417	"	1.67		65.3	17-129		11.4	30	
3- & 4-Methylphenols	0.882	0.0417	"	1.67		52.9	20-109		12.3	30	
3,3'-Dichlorobenzidine	1.59	0.0417	"	1.67		95.3	10-147		10.7	30	
3-Nitroaniline	1.22	0.0833	"	1.67		73.1	23-123		16.0	30	
4,6-Dinitro-2-methylphenol	0.769	0.0833	"	1.67		46.1	10-149		11.3	30	
4-Bromophenyl phenyl ether	0.948	0.0417	"	1.67		56.9	30-138		20.1	30	
4-Chloro-3-methylphenol	1.13	0.0417	"	1.67		67.6	16-138		17.6	30	
4-Chloroaniline	1.02	0.0417	"	1.67		61.1	10-117		5.10	30	
4-Chlorophenyl phenyl ether	0.985	0.0417	"	1.67		59.1	18-132		13.7	30	
4-Nitroaniline	1.01	0.0833	"	1.67		60.4	14-125		8.10	30	
4-Nitrophenol	1.17	0.0833	"	1.67		70.1	10-136		27.7	30	
Acenaphthene	1.00	0.0417	"	1.67		60.2	17-124		11.7	30	
Acenaphthylene	1.02	0.0417	"	1.67		61.1	16-124		11.7	30	
Acetophenone	1.01	0.0417	"	1.67		60.7	28-105		12.4	30	
Aniline	0.818	0.167	"	1.67		49.1	10-111		18.0	30	
Anthracene	0.967	0.0417	"	1.67		58.0	24-124		10.3	30	
Atrazine	1.05	0.0417	"	1.67		63.1	22-120		10.5	30	
Benzaldehyde	1.08	0.0417	"	1.67		64.7	21-100		16.4	30	
Benzo(a)anthracene	1.36	0.0417	"	1.67		81.4	25-134		13.9	30	
Benzo(a)pyrene	1.57	0.0417	"	1.67		94.4	29-144		20.8	30	
Benzo(b)fluoranthene	2.13	0.0417	"	1.67		128	20-151		61.4	30	Non-dir.
Benzo(g,h,i)perylene	1.26	0.0417	"	1.67		75.6	10-153		16.0	30	
Benzo(k)fluoranthene	1.06	0.0417	"	1.67		63.5	10-148		8.91	30	
Benzoic acid	0.953	0.0417	"	1.67		57.2	10-116		20.3	30	
Benzyl alcohol	0.995	0.0417	"	1.67		59.7	17-128		13.5	30	
Benzyl butyl phthalate	1.70	0.0417	"	1.67		102	10-132		20.8	30	
Bis(2-chloroethoxy)methane	1.00	0.0417	"	1.67		60.2	10-129		14.3	30	
Bis(2-chloroethyl)ether	1.07	0.0417	"	1.67		64.5	14-125		18.8	30	
Bis(2-chloroisopropyl)ether	1.14	0.0417	"	1.67		68.5	14-122		12.9	30	
Bis(2-ethylhexyl)phthalate	1.15	0.0417	"	1.67		69.2	10-141		23.0	30	
Caprolactam	1.42	0.0833	"	1.67		84.9	10-123		18.8	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 BA60863 - EPA 3550C											
LCS Dup (BA60863-BSD1)								Prepared: 01/22/2016 Analyzed: 01/24/2016			
Carbazole	1.08	0.0417	mg/kg wet	1.67		65.0	31-120		14.4	30	
Chrysene	1.51	0.0417	"	1.67		90.8	24-116		16.5	30	
Dibenzo(a,h)anthracene	1.08	0.0417	"	1.67		64.7	17-147		17.8	30	
Dibenzofuran	1.05	0.0417	"	1.67		63.3	23-123		14.8	30	
Diethyl phthalate	1.15	0.0417	"	1.67		68.8	23-122		17.4	30	
Dimethyl phthalate	1.26	0.0417	"	1.67		75.4	28-127		16.7	30	
Di-n-butyl phthalate	1.03	0.0417	"	1.67		61.8	19-123		13.7	30	
Di-n-octyl phthalate	1.58	0.0417	"	1.67		94.8	10-132		20.6	30	
Fluoranthene	1.04	0.0417	"	1.67		62.7	36-125		10.1	30	
Fluorene	1.03	0.0417	"	1.67		61.6	16-130		13.7	30	
Hexachlorobenzene	0.902	0.0417	"	1.67		54.1	10-129		18.2	30	
Hexachlorobutadiene	1.01	0.0417	"	1.67		60.5	22-153		19.6	30	
Hexachlorocyclopentadiene	0.489	0.0417	"	1.67		29.3	10-134		22.3	30	
Hexachloroethane	0.964	0.0417	"	1.67		57.8	20-112		14.3	30	
Indeno(1,2,3-cd)pyrene	1.12	0.0417	"	1.67		67.5	10-155		17.2	30	
Isophorone	1.05	0.0417	"	1.67		63.0	14-131		15.7	30	
Naphthalene	0.958	0.0417	"	1.67		57.5	20-121		11.4	30	
Nitrobenzene	1.04	0.0417	"	1.67		62.2	20-121		13.9	30	
N-Nitrosodimethylamine	1.14	0.0417	"	1.67		68.6	10-124		37.1	30	Non-dir.
N-nitroso-di-n-propylamine	0.853	0.0417	"	1.67		51.2	21-119		11.6	30	
N-Nitrosodiphenylamine	0.961	0.0417	"	1.67		57.7	10-163		7.82	30	
Pentachlorophenol	0.890	0.0417	"	1.67		53.4	10-143		25.4	30	
Phenanthrene	1.00	0.0417	"	1.67		60.0	24-123		12.8	30	
Phenol	0.886	0.0417	"	1.67		53.2	15-123		15.2	30	
Pyrene	1.70	0.0417	"	1.67		102	24-132		23.0	30	
Surrogate: 2-Fluorophenol	*1.54*		*"*	*2.50*		*61.5*	*20-108*				
Surrogate: Phenol-d5	*1.27*		*"*	*2.51*		*50.5*	*23-114*				
Surrogate: Nitrobenzene-d5	*0.964*		*"*	*1.68*		*57.5*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*0.740*		*"*	*1.67*		*44.3*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*1.08*		*"*	*2.51*		*43.1*	*30-130*				
Surrogate: Terphenyl-d14	*1.39*		*"*	*1.67*		*83.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60987 - EPA 3510C/1311											
Blank (BA60987-BLK1)								Prepared: 01/26/2016 Analyzed: 01/27/2016			
1,4-Dichlorobenzene	ND	10.0	ug/L								
2,4,5-Trichlorophenol	ND	10.0	"								
2,4,6-Trichlorophenol	ND	10.0	"								
2,4-Dinitrotoluene	ND	10.0	"								
2-Methylphenol	ND	10.0	"								
3- & 4-Methylphenols	ND	20.0	"								
Cresols, total	ND	30.0	"								
Hexachlorobenzene	ND	10.0	"								
Hexachlorobutadiene	ND	10.0	"								
Hexachloroethane	ND	10.0	"								
Nitrobenzene	ND	10.0	"								
Pentachlorophenol	ND	10.0	"								
Pyridine	ND	10.0	"								
Surrogate: 2-Fluorophenol	*90.2*		*"*	*150*		*60.1*	*10-65*				
Surrogate: Phenol-d5	*73.7*		*"*	*151*		*48.9*	*10-49*				
Surrogate: Nitrobenzene-d5	*99.7*		*"*	*101*		*99.1*	*10-96*				
Surrogate: 2-Fluorobiphenyl	*94.6*		*"*	*100*		*94.4*	*10-93*				
Surrogate: 2,4,6-Tribromophenol	*142*		*"*	*151*		*94.4*	*10-128*				
Surrogate: Terphenyl-d14	*123*		*"*	*100*		*122*	*10-100*				
LCS (BA60987-BS1)								Prepared: 01/26/2016 Analyzed: 01/27/2016			
1,4-Dichlorobenzene	55.6	10.0	ug/L	100		55.6	42-82				
2,4,5-Trichlorophenol	80.4	10.0	"	100		80.4	36-112				
2,4,6-Trichlorophenol	74.0	10.0	"	100		74.0	41-107				
2,4-Dinitrotoluene	73.5	10.0	"	100		73.5	41-114				
2-Methylphenol	58.3	10.0	"	100		58.3	10-90				
3- & 4-Methylphenols	53.7	20.0	"	100		53.7	10-101				
Cresols, total	112	30.0	"	200		56.0	30-130				
Hexachlorobenzene	60.0	10.0	"	100		60.0	27-120				
Hexachlorobutadiene	68.3	10.0	"	100		68.3	25-106				
Hexachloroethane	58.6	10.0	"	100		58.6	33-84				
Nitrobenzene	69.4	10.0	"	100		69.4	32-113				
Pentachlorophenol	68.5	10.0	"	100		68.5	19-127				
Pyridine	35.4	10.0	"	100		35.4	10-46				
Surrogate: 2-Fluorophenol	*109*		*"*	*150*		*72.7*	*10-65*				
Surrogate: Phenol-d5	*91.5*		*"*	*151*		*60.7*	*10-49*				
Surrogate: Nitrobenzene-d5	*108*		*"*	*101*		*107*	*10-96*				
Surrogate: 2-Fluorobiphenyl	*103*		*"*	*100*		*103*	*10-93*				
Surrogate: 2,4,6-Tribromophenol	*166*		*"*	*151*		*110*	*10-128*				
Surrogate: Terphenyl-d14	*125*		*"*	*100*		*124*	*10-100*				

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 BA60987 - EPA 3510C/1311											
LCS (BA60987-BS2)								Prepared: 01/26/2016 Analyzed: 01/27/2016			
1,4-Dichlorobenzene	ND	5.00	ug/L				42-82				
2,4,5-Trichlorophenol	ND	5.00	"				36-112				
2,4,6-Trichlorophenol	ND	5.00	"				41-107				
2,4-Dinitrotoluene	ND	5.00	"				41-114				
2-Methylphenol	ND	5.00	"				10-90				
3- & 4-Methylphenols	ND	10.0	"				10-101				
Cresols, total	ND	15.0	"				30-130				
Hexachlorobenzene	ND	5.00	"				27-120				
Hexachlorobutadiene	ND	5.00	"				25-106				
Hexachloroethane	ND	5.00	"				33-84				
Nitrobenzene	ND	5.00	"				32-113				
Pentachlorophenol	ND	5.00	"				19-127				
Pyridine	ND	5.00	"				10-46				
Surrogate: 2-Fluorophenol	*0.00*		*"*	*75.0*			*10-65*				
Surrogate: Phenol-d5	*0.00*		*"*	*75.4*			*10-49*				
Surrogate: Nitrobenzene-d5	*0.00*		*"*	*50.3*			*10-96*				
Surrogate: 2-Fluorobiphenyl	*0.00*		*"*	*50.1*			*10-93*				
Surrogate: 2,4,6-Tribromophenol	*0.00*		*"*	*75.3*			*10-128*				
Surrogate: Terphenyl-d14	*0.00*		*"*	*50.2*			*10-100*				
LCS Dup (BA60987-BSD1)								Prepared: 01/26/2016 Analyzed: 01/27/2016			
1,4-Dichlorobenzene	57.6	10.0	ug/L	100		57.6	42-82		3.50	20	
2,4,5-Trichlorophenol	80.8	10.0	"	100		80.8	36-112		0.546	20	
2,4,6-Trichlorophenol	75.4	10.0	"	100		75.4	41-107		1.95	20	
2,4-Dinitrotoluene	74.5	10.0	"	100		74.5	41-114		1.32	20	
2-Methylphenol	60.3	10.0	"	100		60.3	10-90		3.37	20	
3- & 4-Methylphenols	55.7	20.0	"	100		55.7	10-101		3.62	20	
Cresols, total	116	30.0	"	200		58.0	30-130		3.49	20	
Hexachlorobenzene	59.9	10.0	"	100		59.9	27-120		0.0667	20	
Hexachlorobutadiene	69.3	10.0	"	100		69.3	25-106		1.45	20	
Hexachloroethane	59.7	10.0	"	100		59.7	33-84		1.93	20	
Nitrobenzene	71.1	10.0	"	100		71.1	32-113		2.51	20	
Pentachlorophenol	68.1	10.0	"	100		68.1	19-127		0.585	20	
Pyridine	39.0	10.0	"	100		39.0	10-46		9.56	20	
Surrogate: 2-Fluorophenol	*114*		*"*	*150*		*76.0*	*10-65*				
Surrogate: Phenol-d5	*95.9*		*"*	*151*		*63.6*	*10-49*				
Surrogate: Nitrobenzene-d5	*110*		*"*	*101*		*110*	*10-96*				
Surrogate: 2-Fluorobiphenyl	*106*		*"*	*100*		*106*	*10-93*				
Surrogate: 2,4,6-Tribromophenol	*168*		*"*	*151*		*112*	*10-128*				
Surrogate: Terphenyl-d14	*129*		*"*	*100*		*129*	*10-100*				

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 BA61015 - EPA 3550C											
Blank (BA61015-BLK1)								Prepared & Analyzed: 01/27/2016			
1,1'-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3'-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								

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 BA61015 - EPA 3550C											
Blank (BA61015-BLK1)								Prepared & Analyzed: 01/27/2016			
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Surrogate: 2-Fluorophenol	*2.58*		*"*	*2.50*		*103*	*20-108*				
Surrogate: Phenol-d5	*2.83*		*"*	*2.51*		*113*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.69*		*"*	*1.68*		*101*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.67*		*"*	*1.67*		*99.9*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.47*		*"*	*2.51*		*98.6*	*19-110*				
Surrogate: Terphenyl-d14	*2.02*		*"*	*1.67*		*120*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61015 - EPA 3550C											
LCS (BA61015-BS1)							Prepared & Analyzed: 01/27/2016				
1,1'-Biphenyl	0.990	0.0417	mg/kg wet				22-103				
1,2,4,5-Tetrachlorobenzene	1.15	0.0833	"	1.67		68.9	10-144				
1,2,4-Trichlorobenzene	0.918	0.0417	"	1.67		55.1	23-130				
1,2-Dichlorobenzene	0.827	0.0417	"	1.67		49.6	26-113				
1,2-Diphenylhydrazine (as Azobenzene)	1.02	0.0417	"	1.67		61.0	10-140				
1,3-Dichlorobenzene	0.844	0.0417	"	1.67		50.6	32-113				
1,4-Dichlorobenzene	0.782	0.0417	"	1.67		46.9	28-111				
2,3,4,6-Tetrachlorophenol	1.84	0.0833	"	1.67		111	30-130				
2,4,5-Trichlorophenol	1.15	0.0417	"	1.67		69.1	14-138				
2,4,6-Trichlorophenol	1.10	0.0417	"	1.67		65.9	27-122				
2,4-Dichlorophenol	1.03	0.0417	"	1.67		61.5	23-133				
2,4-Dimethylphenol	1.17	0.0417	"	1.67		70.0	15-131				
2,4-Dinitrophenol	1.29	0.0833	"	1.67		77.5	10-149				
2,4-Dinitrotoluene	1.06	0.0417	"	1.67		63.6	30-123				
2,6-Dinitrotoluene	1.07	0.0417	"	1.67		64.3	30-125				
2-Chloronaphthalene	0.910	0.0417	"	1.67		54.6	22-115				
2-Chlorophenol	0.946	0.0417	"	1.67		56.8	25-121				
2-Methylnaphthalene	1.06	0.0417	"	1.67		63.8	16-127				
2-Methylphenol	1.01	0.0417	"	1.67		60.4	10-146				
2-Nitroaniline	1.11	0.0833	"	1.67		66.8	24-126				
2-Nitrophenol	0.972	0.0417	"	1.67		58.3	17-129				
3- & 4-Methylphenols	0.977	0.0417	"	1.67		58.6	20-109				
3,3'-Dichlorobenzidine	1.44	0.0417	"	1.67		86.6	10-147				
3-Nitroaniline	1.05	0.0833	"	1.67		63.0	23-123				
4,6-Dinitro-2-methylphenol	1.19	0.0833	"	1.67		71.3	10-149				
4-Bromophenyl phenyl ether	1.02	0.0417	"	1.67		60.9	30-138				
4-Chloro-3-methylphenol	1.22	0.0417	"	1.67		73.3	16-138				
4-Chloroaniline	0.743	0.0417	"	1.67		44.6	10-117				
4-Chlorophenyl phenyl ether	1.08	0.0417	"	1.67		64.7	18-132				
4-Nitroaniline	1.22	0.0833	"	1.67		73.4	14-125				
4-Nitrophenol	0.395	0.0833	"	1.67		23.7	10-136				
Acenaphthene	1.07	0.0417	"	1.67		64.4	17-124				
Acenaphthylene	0.979	0.0417	"	1.67		58.7	16-124				
Acetophenone	1.14	0.0417	"	1.67		68.1	28-105				
Aniline	1.08	0.167	"	1.67		65.1	10-111				
Anthracene	1.08	0.0417	"	1.67		64.7	24-124				
Atrazine	1.14	0.0417	"	1.67		68.5	22-120				
Benzaldehyde	1.08	0.0417	"	1.67		64.7	21-100				
Benzo(a)anthracene	1.21	0.0417	"	1.67		72.8	25-134				
Benzo(a)pyrene	1.17	0.0417	"	1.67		70.3	29-144				
Benzo(b)fluoranthene	1.09	0.0417	"	1.67		65.4	20-151				
Benzo(g,h,i)perylene	1.12	0.0417	"	1.67		67.3	10-153				
Benzo(k)fluoranthene	1.10	0.0417	"	1.67		66.1	10-148				
Benzoic acid	1.55	0.0417	"	1.67		92.8	10-116				
Benzyl alcohol	1.14	0.0417	"	1.67		68.6	17-128				
Benzyl butyl phthalate	0.958	0.0417	"	1.67		57.5	10-132				
Bis(2-chloroethoxy)methane	1.13	0.0417	"	1.67		67.9	10-129				
Bis(2-chloroethyl)ether	0.974	0.0417	"	1.67		58.4	14-125				
Bis(2-chloroisopropyl)ether	1.52	0.0417	"	1.67		91.2	14-122				
Bis(2-ethylhexyl)phthalate	1.05	0.0417	"	1.67		62.9	10-141				
Caprolactam	1.40	0.0833	"	1.67		83.8	10-123				

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 BA61015 - EPA 3550C											
LCS (BA61015-BS1)							Prepared & Analyzed: 01/27/2016				
Carbazole	1.07	0.0417	mg/kg wet	1.67		64.0	31-120				
Chrysene	1.10	0.0417	"	1.67		65.9	24-116				
Dibenzo(a,h)anthracene	1.17	0.0417	"	1.67		70.0	17-147				
Dibenzofuran	1.03	0.0417	"	1.67		61.6	23-123				
Diethyl phthalate	0.957	0.0417	"	1.67		57.4	23-122				
Dimethyl phthalate	0.986	0.0417	"	1.67		59.2	28-127				
Di-n-butyl phthalate	0.934	0.0417	"	1.67		56.1	19-123				
Di-n-octyl phthalate	1.08	0.0417	"	1.67		64.9	10-132				
Fluoranthene	1.15	0.0417	"	1.67		68.8	36-125				
Fluorene	1.07	0.0417	"	1.67		64.1	16-130				
Hexachlorobenzene	0.845	0.0417	"	1.67		50.7	10-129				
Hexachlorobutadiene	0.929	0.0417	"	1.67		55.8	22-153				
Hexachlorocyclopentadiene	0.619	0.0417	"	1.67		37.1	10-134				
Hexachloroethane	0.811	0.0417	"	1.67		48.7	20-112				
Indeno(1,2,3-cd)pyrene	1.11	0.0417	"	1.67		66.6	10-155				
Isophorone	1.06	0.0417	"	1.67		63.5	14-131				
Naphthalene	1.06	0.0417	"	1.67		63.4	20-121				
Nitrobenzene	0.988	0.0417	"	1.67		59.3	20-121				
N-Nitrosodimethylamine	0.988	0.0417	"	1.67		59.3	10-124				
N-nitroso-di-n-propylamine	1.04	0.0417	"	1.67		62.6	21-119				
N-Nitrosodiphenylamine	1.22	0.0417	"	1.67		73.5	10-163				
Pentachlorophenol	0.932	0.0417	"	1.67		55.9	10-143				
Phenanthrene	1.11	0.0417	"	1.67		66.7	24-123				
Phenol	1.10	0.0417	"	1.67		65.9	15-123				
Pyrene	1.09	0.0417	"	1.67		65.5	24-132				
Surrogate: 2-Fluorophenol	*2.72*		*"*	*2.50*		*109*	*20-108*				
Surrogate: Phenol-d5	*3.00*		*"*	*2.51*		*119*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.71*		*"*	*1.68*		*102*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.72*		*"*	*1.67*		*103*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.70*		*"*	*2.51*		*107*	*30-130*				
Surrogate: Terphenyl-d14	*1.99*		*"*	*1.67*		*119*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61015 - EPA 3550C											
LCS Dup (BA61015-BSD1)							Prepared & Analyzed: 01/27/2016				
1,1'-Biphenyl	0.979	0.0417	mg/kg wet				22-103		1.08	30	
1,2,4,5-Tetrachlorobenzene	1.15	0.0833	"	1.67		69.1	10-144		0.290	30	
1,2,4-Trichlorobenzene	0.909	0.0417	"	1.67		54.5	23-130		1.02	30	
1,2-Dichlorobenzene	0.811	0.0417	"	1.67		48.6	26-113		2.04	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.05	0.0417	"	1.67		62.9	10-140		3.03	30	
1,3-Dichlorobenzene	0.824	0.0417	"	1.67		49.4	32-113		2.40	30	
1,4-Dichlorobenzene	0.770	0.0417	"	1.67		46.2	28-111		1.55	30	
2,3,4,6-Tetrachlorophenol	1.87	0.0833	"	1.67		112	30-130		1.44	30	
2,4,5-Trichlorophenol	1.20	0.0417	"	1.67		72.1	14-138		4.28	30	
2,4,6-Trichlorophenol	1.11	0.0417	"	1.67		66.5	27-122		0.936	30	
2,4-Dichlorophenol	1.03	0.0417	"	1.67		62.0	23-133		0.745	30	
2,4-Dimethylphenol	1.19	0.0417	"	1.67		71.3	15-131		1.78	30	
2,4-Dinitrophenol	1.30	0.0833	"	1.67		78.1	10-149		0.822	30	
2,4-Dinitrotoluene	1.09	0.0417	"	1.67		65.5	30-123		3.04	30	
2,6-Dinitrotoluene	1.11	0.0417	"	1.67		66.9	30-125		3.96	30	
2-Chloronaphthalene	0.912	0.0417	"	1.67		54.7	22-115		0.256	30	
2-Chlorophenol	0.941	0.0417	"	1.67		56.5	25-121		0.530	30	
2-Methylnaphthalene	1.08	0.0417	"	1.67		64.7	16-127		1.40	30	
2-Methylphenol	1.03	0.0417	"	1.67		61.7	10-146		2.16	30	
2-Nitroaniline	1.14	0.0833	"	1.67		68.4	24-126		2.37	30	
2-Nitrophenol	0.989	0.0417	"	1.67		59.3	17-129		1.77	30	
3- & 4-Methylphenols	0.990	0.0417	"	1.67		59.4	20-109		1.29	30	
3,3'-Dichlorobenzidine	1.57	0.0417	"	1.67		94.1	10-147		8.28	30	
3-Nitroaniline	1.11	0.0833	"	1.67		66.9	23-123		5.91	30	
4,6-Dinitro-2-methylphenol	1.24	0.0833	"	1.67		74.3	10-149		4.18	30	
4-Bromophenyl phenyl ether	1.05	0.0417	"	1.67		63.2	30-138		3.64	30	
4-Chloro-3-methylphenol	1.23	0.0417	"	1.67		74.0	16-138		0.896	30	
4-Chloroaniline	0.840	0.0417	"	1.67		50.4	10-117		12.3	30	
4-Chlorophenyl phenyl ether	1.09	0.0417	"	1.67		65.6	18-132		1.38	30	
4-Nitroaniline	1.26	0.0833	"	1.67		75.5	14-125		2.82	30	
4-Nitrophenol	1.53	0.0833	"	1.67		91.6	10-136		118	30	Non-dir.
Acenaphthene	1.08	0.0417	"	1.67		64.8	17-124		0.743	30	
Acenaphthylene	0.986	0.0417	"	1.67		59.2	16-124		0.780	30	
Acetophenone	1.11	0.0417	"	1.67		66.9	28-105		1.87	30	
Aniline	1.12	0.167	"	1.67		67.0	10-111		2.94	30	
Anthracene	1.10	0.0417	"	1.67		65.7	24-124		1.47	30	
Atrazine	1.15	0.0417	"	1.67		68.9	22-120		0.582	30	
Benzaldehyde	1.03	0.0417	"	1.67		61.5	21-100		4.98	30	
Benzo(a)anthracene	1.24	0.0417	"	1.67		74.4	25-134		2.20	30	
Benzo(a)pyrene	1.25	0.0417	"	1.67		75.0	29-144		6.47	30	
Benzo(b)fluoranthene	1.13	0.0417	"	1.67		68.0	20-151		3.87	30	
Benzo(g,h,i)perylene	1.12	0.0417	"	1.67		67.5	10-153		0.208	30	
Benzo(k)fluoranthene	1.13	0.0417	"	1.67		67.9	10-148		2.66	30	
Benzoic acid	1.58	0.0417	"	1.67		95.1	10-116		2.45	30	
Benzyl alcohol	1.14	0.0417	"	1.67		68.5	17-128		0.0875	30	
Benzyl butyl phthalate	1.00	0.0417	"	1.67		60.1	10-132		4.46	30	
Bis(2-chloroethoxy)methane	1.14	0.0417	"	1.67		68.5	10-129		0.968	30	
Bis(2-chloroethyl)ether	0.971	0.0417	"	1.67		58.3	14-125		0.274	30	
Bis(2-chloroisopropyl)ether	1.50	0.0417	"	1.67		89.8	14-122		1.64	30	
Bis(2-ethylhexyl)phthalate	1.08	0.0417	"	1.67		64.6	10-141		2.70	30	
Caprolactam	1.38	0.0833	"	1.67		82.6	10-123		1.42	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 BA61015 - EPA 3550C											
LCS Dup (BA61015-BSD1)							Prepared & Analyzed: 01/27/2016				
Carbazole	1.10	0.0417	mg/kg wet	1.67		66.2	31-120		3.38	30	
Chrysene	1.13	0.0417	"	1.67		68.0	24-116		3.08	30	
Dibenzo(a,h)anthracene	1.17	0.0417	"	1.67		70.2	17-147		0.342	30	
Dibenzofuran	1.04	0.0417	"	1.67		62.4	23-123		1.26	30	
Diethyl phthalate	0.970	0.0417	"	1.67		58.2	23-122		1.31	30	
Dimethyl phthalate	0.996	0.0417	"	1.67		59.8	28-127		1.04	30	
Di-n-butyl phthalate	0.963	0.0417	"	1.67		57.8	19-123		2.99	30	
Di-n-octyl phthalate	1.12	0.0417	"	1.67		67.2	10-132		3.54	30	
Fluoranthene	1.17	0.0417	"	1.67		70.3	36-125		2.16	30	
Fluorene	1.07	0.0417	"	1.67		64.1	16-130		0.0936	30	
Hexachlorobenzene	0.862	0.0417	"	1.67		51.7	10-129		2.03	30	
Hexachlorobutadiene	0.930	0.0417	"	1.67		55.8	22-153		0.0359	30	
Hexachlorocyclopentadiene	0.624	0.0417	"	1.67		37.4	10-134		0.805	30	
Hexachloroethane	0.796	0.0417	"	1.67		47.8	20-112		1.87	30	
Indeno(1,2,3-cd)pyrene	1.13	0.0417	"	1.67		67.7	10-155		1.61	30	
Isophorone	1.05	0.0417	"	1.67		63.2	14-131		0.410	30	
Naphthalene	1.06	0.0417	"	1.67		63.5	20-121		0.158	30	
Nitrobenzene	0.981	0.0417	"	1.67		58.9	20-121		0.643	30	
N-Nitrosodimethylamine	0.993	0.0417	"	1.67		59.6	10-124		0.471	30	
N-nitroso-di-n-propylamine	1.05	0.0417	"	1.67		63.2	21-119		0.986	30	
N-Nitrosodiphenylamine	1.25	0.0417	"	1.67		74.9	10-163		1.94	30	
Pentachlorophenol	0.960	0.0417	"	1.67		57.6	10-143		3.00	30	
Phenanthrene	1.15	0.0417	"	1.67		68.9	24-123		3.22	30	
Phenol	1.11	0.0417	"	1.67		66.9	15-123		1.51	30	
Pyrene	1.15	0.0417	"	1.67		68.7	24-132		4.83	30	
Surrogate: 2-Fluorophenol	*3.00*		*"*	*2.50*		*120*	*20-108*				
Surrogate: Phenol-d5	*3.32*		*"*	*2.51*		*132*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.90*		*"*	*1.68*		*114*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.89*		*"*	*1.67*		*113*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*3.08*		*"*	*2.51*		*123*	*30-130*				
Surrogate: Terphenyl-d14	*2.27*		*"*	*1.67*		*136*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61118 - EPA 3510C/1311											
LCS (BA61118-BS1)								Prepared: 01/28/2016 Analyzed: 01/29/2016			
1,4-Dichlorobenzene	73.9	10.0	ug/L	100		73.9	42-82				
2,4,5-Trichlorophenol	64.9	10.0	"	100		64.9	36-112				
2,4,6-Trichlorophenol	85.3	10.0	"	100		85.3	41-107				
2,4-Dinitrotoluene	108	10.0	"	100		108	41-114				
2-Methylphenol	62.1	10.0	"	100		62.1	10-90				
3- & 4-Methylphenols	52.3	20.0	"	100		52.3	10-101				
Cresols, total	114	30.0	"	200		57.2	30-130				
Hexachlorobenzene	59.2	10.0	"	100		59.2	27-120				
Hexachlorobutadiene	75.2	10.0	"	100		75.2	25-106				
Hexachloroethane	71.4	10.0	"	100		71.4	33-84				
Nitrobenzene	75.5	10.0	"	100		75.5	32-113				
Pentachlorophenol	74.6	10.0	"	100		74.6	19-127				
Pyridine	41.8	10.0	"	100		41.8	10-46				
Surrogate: 2-Fluorophenol	*72.8*		*"*	*150*		*48.5*	*10-65*				
Surrogate: Phenol-d5	*53.4*		*"*	*151*		*35.4*	*10-49*				
Surrogate: Nitrobenzene-d5	*65.2*		*"*	*101*		*64.8*	*10-96*				
Surrogate: 2-Fluorobiphenyl	*43.1*		*"*	*100*		*43.0*	*10-93*				
Surrogate: 2,4,6-Tribromophenol	*72.0*		*"*	*151*		*47.8*	*10-128*				
Surrogate: Terphenyl-d14	*89.3*		*"*	*100*		*88.9*	*10-100*				
LCS Dup (BA61118-BSD1)								Prepared: 01/28/2016 Analyzed: 01/29/2016			
1,4-Dichlorobenzene	73.8	10.0	ug/L	100		73.8	42-82		0.135	20	
2,4,5-Trichlorophenol	59.5	10.0	"	100		59.5	36-112		8.78	20	
2,4,6-Trichlorophenol	83.0	10.0	"	100		83.0	41-107		2.73	20	
2,4-Dinitrotoluene	109	10.0	"	100		109	41-114		1.55	20	
2-Methylphenol	62.3	10.0	"	100		62.3	10-90		0.321	20	
3- & 4-Methylphenols	52.8	20.0	"	100		52.8	10-101		0.989	20	
Cresols, total	115	30.0	"	200		57.6	30-130		0.627	20	
Hexachlorobenzene	59.3	10.0	"	100		59.3	27-120		0.169	20	
Hexachlorobutadiene	74.3	10.0	"	100		74.3	25-106		1.20	20	
Hexachloroethane	71.8	10.0	"	100		71.8	33-84		0.615	20	
Nitrobenzene	74.6	10.0	"	100		74.6	32-113		1.25	20	
Pentachlorophenol	73.2	10.0	"	100		73.2	19-127		1.89	20	
Pyridine	40.2	10.0	"	100		40.2	10-46		4.10	20	
Surrogate: 2-Fluorophenol	*73.5*		*"*	*150*		*49.0*	*10-65*				
Surrogate: Phenol-d5	*52.9*		*"*	*151*		*35.1*	*10-49*				
Surrogate: Nitrobenzene-d5	*64.4*		*"*	*101*		*64.0*	*10-96*				
Surrogate: 2-Fluorobiphenyl	*38.7*		*"*	*100*		*38.6*	*10-93*				
Surrogate: 2,4,6-Tribromophenol	*69.7*		*"*	*151*		*46.3*	*10-128*				
Surrogate: Terphenyl-d14	*83.9*		*"*	*100*		*83.6*	*10-100*				

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 BA60887 - EPA 3510C/1311											
Blank (BA60887-BLK1)							Prepared & Analyzed: 01/25/2016				
Chlordane, total	ND	0.444	ug/L								
Endrin	ND	0.0444	"								
gamma-BHC (Lindane)	ND	0.0444	"								
Heptachlor	ND	0.0444	"								
Heptachlor epoxide	ND	0.0444	"								
Methoxychlor	ND	0.0444	"								
Toxaphene	ND	1.11	"								
Surrogate: Tetrachloro-m-xylene	*1.09*		*"*	*2.23*		*49.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*1.41*		*"*	*2.30*		*61.3*	*30-120*				
LCS (BA60887-BS1)							Prepared & Analyzed: 01/25/2016				
Endrin	1.17	0.0444	ug/L	1.11		105	40-120				
gamma-BHC (Lindane)	0.940	0.0444	"	1.11		84.6	40-120				
Heptachlor	0.928	0.0444	"	1.11		83.6	40-120				
Heptachlor epoxide	1.02	0.0444	"	1.11		92.2	40-120				
Methoxychlor	1.26	0.0444	"	1.11		113	40-120				
Surrogate: Tetrachloro-m-xylene	*1.16*		*"*	*2.23*		*52.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*1.52*		*"*	*2.30*		*66.2*	*30-120*				
LCS Dup (BA60887-BSD1)							Prepared & Analyzed: 01/25/2016				
Endrin	1.17	0.0444	ug/L	1.11		105	40-120		0.245	30	
gamma-BHC (Lindane)	0.865	0.0444	"	1.11		77.9	40-120		8.29	30	
Heptachlor	0.844	0.0444	"	1.11		76.0	40-120		9.48	30	
Heptachlor epoxide	0.922	0.0444	"	1.11		83.0	40-120		10.4	30	
Methoxychlor	1.02	0.0444	"	1.11		91.5	40-120		21.4	30	
Surrogate: Tetrachloro-m-xylene	*1.12*		*"*	*2.23*		*50.3*	*30-120*				
Surrogate: Decachlorobiphenyl	*1.31*		*"*	*2.30*		*56.9*	*30-120*				

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 BA61004 - EPA 3510C/1311											
Blank (BA61004-BLK1)								Prepared: 01/27/2016 Analyzed: 01/28/2016			
Chlordane, total	ND	0.444	ug/L								
Endrin	ND	0.0444	"								
gamma-BHC (Lindane)	ND	0.0444	"								
Heptachlor	ND	0.0444	"								
Heptachlor epoxide	ND	0.0444	"								
Methoxychlor	ND	0.0444	"								
Toxaphene	ND	1.11	"								
Surrogate: Tetrachloro-m-xylene	*1.16*		*"*	*2.23*		*52.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*1.28*		*"*	*2.30*		*55.6*	*30-120*				
LCS (BA61004-BS1)								Prepared: 01/27/2016 Analyzed: 01/28/2016			
Endrin	0.946	0.0444	ug/L	1.11		85.1	40-120				
gamma-BHC (Lindane)	0.976	0.0444	"	1.11		87.8	40-120				
Heptachlor	0.815	0.0444	"	1.11		73.3	40-120				
Heptachlor epoxide	0.863	0.0444	"	1.11		77.7	40-120				
Methoxychlor	0.800	0.0444	"	1.11		72.0	40-120				
Surrogate: Tetrachloro-m-xylene	*1.25*		*"*	*2.23*		*55.9*	*30-120*				
Surrogate: Decachlorobiphenyl	*1.04*		*"*	*2.30*		*45.1*	*30-120*				
LCS Dup (BA61004-BSD1)								Prepared: 01/27/2016 Analyzed: 01/28/2016			
Endrin	0.946	0.0444	ug/L	1.11		85.2	40-120		0.0435	30	
gamma-BHC (Lindane)	0.973	0.0444	"	1.11		87.6	40-120		0.338	30	
Heptachlor	0.906	0.0444	"	1.11		81.5	40-120		10.6	30	
Heptachlor epoxide	0.838	0.0444	"	1.11		75.4	40-120		3.00	30	
Methoxychlor	0.858	0.0444	"	1.11		77.2	40-120		6.91	30	
Surrogate: Tetrachloro-m-xylene	*1.29*		*"*	*2.23*		*57.6*	*30-120*				
Surrogate: Decachlorobiphenyl	*1.20*		*"*	*2.30*		*52.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60864 - EPA 3550C											
Blank (BA60864-BLK1)								Prepared: 01/22/2016 Analyzed: 01/25/2016			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0650*		*"*	*0.0670*		*97.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0453*		*"*	*0.0690*		*65.7*	*30-140*				
LCS (BA60864-BS1)								Prepared: 01/22/2016 Analyzed: 01/25/2016			
Aroclor 1016	0.370	0.0167	mg/kg wet	0.333		111	40-130				
Aroclor 1260	0.337	0.0167	"	0.333		101	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0693*		*"*	*0.0670*		*103*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0483*		*"*	*0.0690*		*70.0*	*30-140*				
LCS Dup (BA60864-BSD1)								Prepared: 01/22/2016 Analyzed: 01/25/2016			
Aroclor 1016	0.330	0.0167	mg/kg wet	0.333		98.9	40-130		11.4	25	
Aroclor 1260	0.300	0.0167	"	0.333		90.0	40-130		11.6	25	
Surrogate: Tetrachloro-m-xylene	*0.0650*		*"*	*0.0670*		*97.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0463*		*"*	*0.0690*		*67.1*	*30-140*				
Batch BA60953 - EPA 3550C											
Blank (BA60953-BLK2)								Prepared & Analyzed: 01/26/2016			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0653*		*"*	*0.0670*		*97.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0507*		*"*	*0.0690*		*73.4*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60953 - EPA 3550C											
LCS (BA60953-BS2)							Prepared & Analyzed: 01/26/2016				
Aroclor 1016	0.372	0.0167	mg/kg wet	0.333		112	40-130				
Aroclor 1260	0.312	0.0167	"	0.333		93.6	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0597*		*"*	*0.0670*		*89.1*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0450*		*"*	*0.0690*		*65.2*	*30-140*				
LCS Dup (BA60953-BSD2)							Prepared & Analyzed: 01/26/2016				
Aroclor 1016	0.372	0.0167	mg/kg wet	0.333		111	40-130		0.179	25	
Aroclor 1260	0.357	0.0167	"	0.333		107	40-130		13.6	25	
Surrogate: Tetrachloro-m-xylene	*0.0627*		*"*	*0.0670*		*93.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0493*		*"*	*0.0690*		*71.5*	*30-140*				

Chlorinated Herbicides 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 BA60946 - EPA 3535A/1311											
Blank (BA60946-BLK1)							Prepared & Analyzed: 01/26/2016				
2,4,5-TP (Silvex)	ND	5.00	ug/L								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*138*		*"*	*125*		*110*	*30-150*				
LCS (BA60946-BS1)							Prepared & Analyzed: 01/26/2016				
2,4,5-TP (Silvex)	38.5	5.00	ug/L	40.0		96.2	40-140				
2,4-D	27.8	5.00	"	40.0		69.4	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*107*		*"*	*125*		*85.6*	*30-150*				
LCS Dup (BA60946-BSD1)							Prepared & Analyzed: 01/26/2016				
2,4,5-TP (Silvex)	38.0	5.00	ug/L	40.0		95.0	40-140		1.31	30	
2,4-D	28.8	5.00	"	40.0		71.9	40-140		3.54	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*99.2*		*"*	*125*		*79.4*	*30-150*				
Batch BA61060 - EPA 3535A/1311											
Blank (BA61060-BLK1)							Prepared: 01/28/2016 Analyzed: 01/29/2016				
2,4,5-TP (Silvex)	ND	5.00	ug/L								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*144*		*"*	*125*		*115*	*30-150*				
LCS (BA61060-BS1)							Prepared: 01/28/2016 Analyzed: 01/29/2016				
2,4,5-TP (Silvex)	43.5	5.00	ug/L	40.0		109	40-140				
2,4-D	34.2	5.00	"	40.0		85.6	40-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*120*		*"*	*125*		*96.2*	*30-150*				
LCS Dup (BA61060-BSD1)							Prepared: 01/28/2016 Analyzed: 01/29/2016				
2,4,5-TP (Silvex)	47.5	5.00	ug/L	40.0		119	40-140		8.79	30	
2,4-D	37.2	5.00	"	40.0		93.1	40-140		8.39	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*128*		*"*	*125*		*102*	*30-150*				

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 BA60909 - EPA 5035A											
Blank (BA60909-BLK1)							Prepared & Analyzed: 01/25/2016				
Total Petroleum Hydrocarbons-GRO	ND	80.0	mg/kg wet								
Surrogate: p-Bromofluorobenzene	*197*		*ug/L*	*200*		*98.7*	*70-130*				
Reference (BA60909-SRM1)							Prepared & Analyzed: 01/25/2016				
Total Petroleum Hydrocarbons-GRO	358	20.0	mg/kg wet	353		101	10-221				
Surrogate: p-Bromofluorobenzene	*240*		*ug/L*	*200*		*120*	*70-130*				
Batch BA60929 - EPA 3550C											
Blank (BA60929-BLK1)							Prepared & Analyzed: 01/25/2016				
Total Petroleum Hydrocarbons-DRO	ND	10.0	mg/kg wet								
Surrogate: Triacontane	*5.61*		*"*	*10.0*		*56.1*	*30-150*				
LCS (BA60929-BS1)							Prepared & Analyzed: 01/25/2016				
Total Petroleum Hydrocarbons-DRO	123	10.0	mg/kg wet	172		71.7	40-140				
Surrogate: Triacontane	*8.36*		*"*	*10.0*		*83.6*	*30-150*				
LCS Dup (BA60929-BSD1)							Prepared & Analyzed: 01/25/2016				
Total Petroleum Hydrocarbons-DRO	143	10.0	mg/kg wet	172		83.2	40-140		14.8	30	
Surrogate: Triacontane	*9.32*		*"*	*10.0*		*93.2*	*30-150*				
Matrix Spike (BA60929-MS1)	*Source sample: 16A0628-06 (GP-4WC (12))						Prepared: 01/25/2016 Analyzed: 01/26/2016				
Total Petroleum Hydrocarbons-DRO	189	12.0	mg/kg dry	207	11.2	85.7	30-150				
Surrogate: Triacontane	*11.9*		*"*	*12.0*		*98.5*	*30-150*				
Matrix Spike Dup (BA60929-MSD1)	*Source sample: 16A0628-06 (GP-4WC (12))						Prepared: 01/25/2016 Analyzed: 01/26/2016				
Total Petroleum Hydrocarbons-DRO	173	12.0	mg/kg dry	207	11.2	78.0	30-150		8.83	30	
Surrogate: Triacontane	*9.75*		*"*	*12.0*		*80.9*	*30-150*				

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 BA60985 - EPA 3545A											
Blank (BA60985-BLK1)								Prepared: 01/26/2016 Analyzed: 01/27/2016			
Total EPH	ND	50.0	mg/kg wet								
Surrogate: 1-Chlorooctadecane	*6.99*		*"*	*10.0*		*69.9*	*40-140*				
Surrogate: o-Terphenyl	*6.79*		*"*	*10.0*		*67.9*	*40-140*				
LCS (BA60985-BS1)								Prepared: 01/26/2016 Analyzed: 01/27/2016			
Total EPH	187	50.0	mg/kg wet	360		51.9	40-140				
Surrogate: 1-Chlorooctadecane	*7.47*		*"*	*10.0*		*74.7*	*40-140*				
Surrogate: o-Terphenyl	*6.92*		*"*	*10.0*		*69.2*	*40-140*				
LCS Dup (BA60985-BSD1)								Prepared: 01/26/2016 Analyzed: 01/27/2016			
Total EPH	172	50.0	mg/kg wet	360		47.9	40-140		8.17	30	
Surrogate: 1-Chlorooctadecane	*6.64*		*"*	*10.0*		*66.4*	*40-140*				
Surrogate: o-Terphenyl	*6.20*		*"*	*10.0*		*62.0*	*40-140*				
Batch BA61016 - EPA 3550C											
Blank (BA61016-BLK1)								Prepared: 01/27/2016 Analyzed: 01/28/2016			
Total Petroleum Hydrocarbons-DRO	ND	10.0	mg/kg wet								
Surrogate: Triacontane	*7.59*		*"*	*10.0*		*75.9*	*30-150*				
LCS (BA61016-BS1)								Prepared: 01/27/2016 Analyzed: 01/28/2016			
Total Petroleum Hydrocarbons-DRO	120	10.0	mg/kg wet	172		69.8	40-140				
Surrogate: Triacontane	*7.29*		*"*	*10.0*		*72.9*	*30-150*				
LCS Dup (BA61016-BSD1)								Prepared: 01/27/2016 Analyzed: 01/28/2016			
Total Petroleum Hydrocarbons-DRO	137	10.0	mg/kg wet	172		79.4	40-140		12.9	30	
Surrogate: Triacontane	*7.98*		*"*	*10.0*		*79.8*	*30-150*				

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 BA61016 - EPA 3550C											
Matrix Spike (BA61016-MS1)	*Source sample: 16A0689-05 (GP-7WC (3))							Prepared: 01/27/2016 Analyzed: 01/28/2016			
Total Petroleum Hydrocarbons-DRO	399	11.0	mg/kg dry	189	162	125	30-150				
Surrogate: Triacontane	*10.1*		*"*	*11.0*		*91.8*	*30-150*				

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 BA60857 - EPA 3050B											
Blank (BA60857-BLK1)								Prepared & Analyzed: 01/22/2016			
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.300	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.00	"								
Reference (BA60857-SRM1)								Prepared & Analyzed: 01/22/2016			
Aluminum	6030	5.00	mg/kg wet	8060		74.9	38.9-160				
Antimony	67.7	0.500	"	94.0		72.0	22.8-257.5				
Arsenic	101	1.00	"	113		89.4	69.7-142.5				
Barium	143	1.00	"	155		92.1	72.9-127.1				
Beryllium	99.6	0.100	"	109		91.4	74.7-124.8				
Cadmium	63.1	0.300	"	67.5		93.4	73.2-126.8				
Calcium	5530	5.00	"	5850		94.6	73.7-126.5				
Chromium	155	0.500	"	164		94.8	70.7-129.9				
Cobalt	96.8	0.500	"	100		96.8	74.4-126				
Copper	125	0.500	"	128		97.8	75.2-125.8				
Iron	13200	2.00	"	15200		87.0	37.4-162.5				
Lead	80.7	0.300	"	90.1		89.5	70.1-129.9				
Magnesium	2540	5.00	"	2790		91.1	65.2-135.1				
Manganese	340	0.500	"	363		93.6	75.8-124.5				
Nickel	93.7	0.500	"	89.3		105	72-127.7				
Potassium	2460	5.00	"	2770		88.6	61.7-138.3				
Selenium	140	1.00	"	156		89.5	67.3-132.1				
Silver	22.0	0.500	"	52.6		41.8	66.7-133.5	Low Bias			
Sodium	643	10.0	"	686		93.7	55.8-144.2				
Thallium	82.9	1.00	"	116		71.5	67.4-131.9				
Vanadium	65.0	1.00	"	73.0		89.0	59.7-139.7				
Zinc	148	1.00	"	168		87.9	69-131.5				

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 BA60921 - EPA 3050B											
Blank (BA60921-BLK1)								Prepared & Analyzed: 01/25/2016			
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	0.324	0.300	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.00	"								
Reference (BA60921-SRM1)								Prepared & Analyzed: 01/25/2016			
Aluminum	7490	5.00	mg/kg wet	8060		92.9	38.9-160				
Antimony	88.4	0.500	"	94.0		94.0	22.8-257.5				
Arsenic	103	1.00	"	113		91.0	69.7-142.5				
Barium	144	1.00	"	155		93.0	72.9-127.1				
Beryllium	101	0.100	"	109		93.0	74.7-124.8				
Cadmium	60.8	0.300	"	67.5		90.1	73.2-126.8				
Calcium	5910	5.00	"	5850		101	73.7-126.5				
Chromium	152	0.500	"	164		92.7	70.7-129.9				
Cobalt	97.5	0.500	"	100		97.5	74.4-126				
Copper	124	0.500	"	128		96.8	75.2-125.8				
Iron	15200	2.00	"	15200		100	37.4-162.5				
Lead	80.2	0.300	"	90.1		89.0	70.1-129.9				
Magnesium	2740	5.00	"	2790		98.3	65.2-135.1				
Manganese	353	0.500	"	363		97.2	75.8-124.5				
Nickel	94.6	0.500	"	89.3		106	72-127.7				
Potassium	2680	5.00	"	2770		96.9	61.7-138.3				
Selenium	141	1.00	"	156		90.6	67.3-132.1				
Silver	37.6	0.500	"	52.6		71.5	66.7-133.5				
Sodium	681	10.0	"	686		99.2	55.8-144.2				
Thallium	74.3	1.00	"	116		64.0	67.4-131.9	Low Bias			
Vanadium	66.3	1.00	"	73.0		90.8	59.7-139.7				
Zinc	150	1.00	"	168		89.4	69-131.5				

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 BA60983 - EPA 3015A/1311											
Blank (BA60983-BLK1)									Prepared: 01/26/2016 Analyzed: 01/27/2016		
Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Copper	ND	0.00300	"								
Lead	ND	0.003	"								
Nickel	ND	0.00500	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								
Zinc	ND	0.0100	"								
Blank (BA60983-BLK2)									Prepared: 01/26/2016 Analyzed: 01/27/2016		
Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Copper	ND	0.00300	"								
Lead	ND	0.003	"								
Nickel	ND	0.00500	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								
Zinc	ND	0.0100	"								
Reference (BA60983-SRM1)									Prepared: 01/26/2016 Analyzed: 01/27/2016		
Arsenic	0.541		ug/mL	0.580		93.2	83.9-114.7				
Barium	0.442		"	0.480		92.0	85-115				
Cadmium	0.424		"	0.470		90.2	85.1-115.1				
Chromium	0.593		"	0.639		92.8	84.9-115				
Copper	0.631		"	0.659		95.7	84.9-115				
Lead	0.433		"	0.490		88.3	85.1-115.1				
Nickel	1.07		"	1.17		91.8	88.2-112.2				
Selenium	0.760		"	0.839		90.6	84.9-115				
Silver	0.539		"	0.600		89.8	85-115				
Zinc	0.623		"	0.699		89.1	84.9-115				

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 BA61033 - EPA 3015A/1311											
Blank (BA61033-BLK1)								Prepared & Analyzed: 01/27/2016			
Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Copper	ND	0.00300	"								
Lead	ND	0.003	"								
Nickel	ND	0.00500	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								
Zinc	ND	0.0100	"								
Blank (BA61033-BLK2)								Prepared & Analyzed: 01/27/2016			
Arsenic	ND	0.004	mg/L								
Barium	ND	0.010	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.005	"								
Copper	ND	0.00300	"								
Lead	ND	0.003	"								
Nickel	ND	0.00500	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								
Zinc	ND	0.0100	"								
Reference (BA61033-SRM1)								Prepared & Analyzed: 01/27/2016			
Arsenic	0.538		ug/mL	0.580		92.7	83.9-114.7				
Barium	0.438		"	0.480		91.2	85-115				
Cadmium	0.422		"	0.470		89.8	85.1-115.1				
Chromium	0.592		"	0.639		92.6	84.9-115				
Copper	0.634		"	0.659		96.1	84.9-115				
Lead	0.439		"	0.490		89.6	85.1-115.1				
Nickel	1.08		"	1.17		92.0	88.2-112.2				
Selenium	0.768		"	0.839		91.5	84.9-115				
Silver	0.533		"	0.600		88.8	85-115				
Zinc	0.619		"	0.699		88.5	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 BA60855 - EPA 7473 water											
Blank (BA60855-BLK1)								Prepared: 01/22/2016 Analyzed: 01/25/2016			
Mercury	ND	0.000200	mg/L								
Reference (BA60855-SRM1)								Prepared: 01/22/2016 Analyzed: 01/25/2016			
Mercury	0.00199		mg/L	0.00230		86.4	61.3-135				
Batch BA60893 - EPA 7473 soil											
Blank (BA60893-BLK1)								Prepared & Analyzed: 01/25/2016			
Mercury	ND	0.0300	mg/kg wet								
Reference (BA60893-SRM1)								Prepared & Analyzed: 01/25/2016			
Mercury	6.1910		mg/kg	5.76		107	71.2-129				
Batch BA60949 - EPA 7473 soil											
Blank (BA60949-BLK1)								Prepared & Analyzed: 01/26/2016			
Mercury	ND	0.0300	mg/kg wet								
Reference (BA60949-SRM1)								Prepared & Analyzed: 01/26/2016			
Mercury	7.1651		mg/kg	5.76		124	71.2-129				
Batch BA61005 - EPA 7473 water											
Blank (BA61005-BLK1)								Prepared & Analyzed: 01/27/2016			
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 BA61005 - EPA 7473 water											
Reference (BA61005-SRM1)								Prepared & Analyzed: 01/27/2016			
Mercury	0.00177		mg/L	0.00230		76.8	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 BA60852 - % Solids Prep											
Duplicate (BA60852-DUP1)	*Source sample: 16A0628-06 (GP-4WC (12))							Prepared & Analyzed: 01/22/2016			
% Solids	86.3	0.100	%		83.0				3.89	20	
Batch BA60913 - % Solids Prep											
Duplicate (BA60913-DUP1)	*Source sample: 16A0689-17 (GP-5WC (9))							Prepared & Analyzed: 01/25/2016			
% Solids	90.8	0.100	%		90.5				0.325	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 BA60826 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BA60826-BLK1)									Prepared: 01/21/2016 Analyzed: 01/22/2016		
TCLP Extraction	Completed	1.00	N/A								
Batch BA60828 - EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS											
Blank (BA60828-BLK1)									Prepared: 01/21/2016 Analyzed: 01/22/2016		
TCLP Extraction	Completed	1.00	N/A								
Batch BA60829 - EPA SW 846-1311 TCLP ZHE for VOA											
Blank (BA60829-BLK1)									Prepared: 01/21/2016 Analyzed: 01/22/2016		
TCLP Extraction	Completed	1.00	%								
Batch BA60936 - EPA SW 846-1311 TCLP ext. for metals											
Blank (BA60936-BLK1)									Prepared: 01/25/2016 Analyzed: 01/26/2016		
TCLP Extraction	Completed	1.00	N/A								
Batch BA60939 - EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS											
Blank (BA60939-BLK1)									Prepared: 01/25/2016 Analyzed: 01/26/2016		
TCLP Extraction	Completed	1.00	N/A								
Batch BA60940 - EPA SW 846-1311 TCLP ZHE for VOA											
Blank (BA60940-BLK1)									Prepared: 01/25/2016 Analyzed: 01/26/2016		
TCLP Extraction	Completed	1.00	%								

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 BA61018 - EPA SW846-3060											
Blank (BA61018-BLK1)								Prepared & Analyzed: 01/27/2016			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BA61018-SRM1)								Prepared & Analyzed: 01/27/2016			
Chromium, Hexavalent	83.2		mg/L	110		75.6	30.3-201				
Batch BA61081 - Analysis Preparation											
Blank (BA61081-BLK1)								Prepared & Analyzed: 01/28/2016			
Reactivity - Cyanide	ND	0.250	mg/kg								
Batch BA61082 - Analysis Preparation											
Blank (BA61082-BLK1)								Prepared & Analyzed: 01/28/2016			
Reactivity - Sulfide	ND	15.0	mg/kg								
Duplicate (BA61082-DUP1)	*Source sample: 16A0628-03 (GP-4WC)							Prepared & Analyzed: 01/28/2016			
Reactivity - Sulfide	16.0	15.0	mg/kg		16.0				0.00	50	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16A0628-03	GP-4WC	40mL 01_Clear Vial Cool to 4° C
16A0628-03	GP-4WC	40mL Vial with Stir Bar-Cool 4° C
16A0628-04	GP-4WC (3)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
16A0628-05	GP-4WC (6)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
16A0628-06	GP-4WC (12)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
16A0689-01	GP-6WC (9)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
16A0689-02	GP-6WC (12)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
16A0689-03	GP-6WC (6)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
16A0689-04	GP-6WC (2)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
16A0689-05	GP-7WC (3)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
16A0689-08	GP-6WC	40mL Vial with Stir Bar-Cool 4° C
16A0689-08	GP-6WC	40mL 01_Clear Vial Cool to 4° C
16A0689-11	GP-5WC (12)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
16A0689-12	GP-5WC (2)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
16A0689-13	GP-5WC (6)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
16A0689-17	GP-5WC (9)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C

Notes and Definitions

S-08	The recovery of this surrogate was outside of QC limits.
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.
N	The Tentatively Identified Compound reported indicates the presence of an possible analyte or class of analyte that has been 'tentatively identified' and the associated numerical value represents its estimated concentration.
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-DB	Analyte in Method Blank >MDL. Sample conc. >10 X blank conc.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IGN-01	Non-Ignit.
HT-pH	HOLDING TIME EXCEEDED. Samples for pH must be measured in the field or within 15 minutes of sample collection.
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. Data users should consider anything <10x the blank value as artifact.

---

*	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.

Revision Description: This report has been revised to correct sample ID.

516 616 6926 315-2262

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

Page____ of ____

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 16A0628

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: Liberty Environmental	Company:	Company:	160020	RUSH - Same Day ☐	Summary Report ____
Address: 131 Varick St #1022 NY, NY 10013	Address:	Address:	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary ____
Phone No. 917 690 6778	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package ____
Contact Person: Raphael Rosenbaum	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg ____
E-Mail Address:	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY___ NJ___	RUSH - Four Day ☐	NY ASP A Package ____
				Standard(5-7 Days) ✓	NY ASP B Package ✓
					NJDEP Red. Deliv. ____
					Electronic Data Deliverables (EDD)
					Simple Excel ____
					NYSDEC EQuIS ____
					EQuIS (std) ____
					EZ-EDD (EQuIS) ____
					NJDEP SRP HazSite EDD ____
					GIS/KEY (std) ____
					Other ____
					York Regulatory Comparison Excel Spreadsheet
					Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Raphael Rosenbaum
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GP-4 (0-3)	1/21/16 1000	Soil	TCL VOCs, TCL SVOCs, PEST/PCB, TAL metals	1X 8oz. Jar + Terra Cores
GP-4 (13-15)	1/21/16 - 1132		TCL VOCs, TCL SVOCs, Pest/PCB, TAL metals	1X 8oz Jar + Terra Cores
~~GP-5~~ GP-4WC	1/21/16 1103		TCL VOC+10 & NJ DEP SCC/SRS list, TCL SVOC+20 & NJDEP SCC/SRS, TAL metals + Hex Chrome & Mercury, TCLP metals (RCRA Cu, Ni, Zn), Ignitability, reactivity (Sulfide & Cyanide), Corrosivity (pH) PCB, TCLP VOC, TCLP SVOC, TCLP Herbicide, TCLP Pesticide, EPH, Total metals	
~~GP-5~~				
~~GP-6~~				
~~GP-6~~				
~~GP-7~~ GP-4wC(3)	1013		DRO/GRO ~~ETPH~~	
~~GP-7~~ GP-4wC(6)	1053		DRO/GRO	
GP-4wC(12)	1056		DRO/GRO	
TRIP BLANK				

Comments

Preservation
Check those Applicable
4°C____ Frozen____ HCl____ MeOH____ HNO$_3$____ H$_2$SO$_4$____ NaOH____
ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	1/21/16		1/21/16
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		TC Yuen	1/21/16 1757

Temperature on Receipt 3.4 °C

YORK ANALYTICAL LABORATORIES INC
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 16A0689

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: Liberty Environmental	Company:	Company:	160020	RUSH - Same Day ☐	Summary Report
Address: 131 Varick Street #1022 NY, NY 10013	Address:	Address:	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary
Phone No. 917 690 6748	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person: Raphael Rosenbaum	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: rrosenbaum@liberyenviro.com	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY___ NJ___	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) ☑	NY ASP B Package ☑
					NJDEP Red. Deliv.

Electronic Data Deliverables (EDD): Simple Excel; NYSDEC EQuIS; EQuIS (std); EZ-EDD (EQuIS); NJDEP SRP HazSite EDD; GIS/KEY (std); Other; York Regulatory Comparison Excel Spreadsheet — Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature): [signature]

Name (printed): Raphael Rosenbaum

Matrix Codes: S - soil; Other - specify(oil, etc.); WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxin/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GP-6WC (9)	1/21/16 - 1533	Soil	DRO / GRO	1X 8oz & 1X Terra Core
GP-6WC (12)	1/21/16 - 1547		DRO / GRO	
GP-6WC (6)	1/21/16 - 1525		DRO / GRO	
GP-6WC (2)	1/21/16 - 1521		DRO / GRO	
GP-7WC (3)	1/22/16 - 1240		DRO / GRO	
GP-6 (0-3)	1/21/16 - 1507		TCL VOC, TCL SVOC, TAL Metals, Pest/PCB	1X 8oz & 1 Set Terra Cores
GP-6 (13-15)	1/21/16 - 1603		TCL VOC, TCL SVOC, TAL Metals, Pest/PCB	
GP-6WC	1/21/16 1616		TCL VOC TIC & NJ DEP SCL/SRS 1,3,5, TCL SVOC +20 & NJ DEP SCL/SRS lists, TAL metals, Hex chrome, Mercury, TCLP Metals (RCRA Cu, Ni, Zn) ignitability, Corrosivity (pH), Reactivity (sulfide, cyanide) PCB, TCLP VOC, TCLP SVOC, TCLP Herb, TCLP Pest, EPH	
GP-7 (0-3)	1/22/16 1228		TCL VOC, TCL SVOC, TAL Metals, Pest/PCB	
GP-7 (4-6)	1/22/16 1246		TCL VOC, TCL SVOC, TAL Metals, Pest/PCB	

Comments

Preservation (Check those Applicable): 4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___ ZnAc___ Ascorbic Acid___ Other___

Special Instructions: Field Filtered ☐; Lab to Filter ☐

Samples Relinquished By: [signature] Date/Time: 1/22/16 1:40pm

Samples Received By: [signature] Date/Time: 1/22/16 1:40

Samples Relinquished By: Date/Time

Samples Received in LAB by: [signature] Date/Time: 1/22/16 - 2009

Temperature on Receipt: 3.5 °C

YORK ANALYTICAL LABORATORIES INC
YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. _____

YOUR Information

Company: Liberty Environmental
Address: 131 varick st #1022
NYC, NY 10013
Phone No. 917 690 6786
Contact Person: Raffael Rosenbaum
E-Mail Address: rrosenbaum@libertyenviro.com

Report To:

Company:
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company:
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

160020

Purchase Order No.

Samples from: CT___ NY___ NJ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☑

Report Type

- Summary Report
- Summary w/ QA Summary
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package 1
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)

- Simple Excel
- NYSDEC EQuIS
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other
- York Regulatory Comparison
- Excel Spreadsheet

Compare to the following Regs: (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Raffael Rosenbaum
Name (printed)

Matrix Codes

- S - soil
- Other - specify(oil, etc.)
- WW - wastewater
- GW - groundwater
- DW - drinking water
- Air-A - ambient air
- Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins-Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GP-SWC (12)	1/22/16 1531	Soil	DRO/GRO	
GP-SWC (2)	1/22/16 1447		DRO/GRO	
GP-SWC (6)	1/22/16 1535		DRO/GRO	
GP-S (0-3)	1/22/16 1437		TCL VOC, TCL SVOC, Pest/PCB, TAL Metals	
GP-SWC	1/22/16 1546		TCL VOC + 10 # NJDEP SCC/SRS lists, TCL SVOC + 20 & NJDEP SSC/SRS lists, TAL Metals (Hex chrome, mercury), TCLP metals (RCRA, Cu, Ni, Zn), ignitability, corrosivity (pH), reactivity (sulfide, cyanide), PCB, TCLP VOC, TCLP SVOC, TCLP Herb, TCLP Pest, EPH	
GP-S (13-15)	1/22/16 1542		TCL VOC, TCL SVOC, Pest/PCB, TAL Metals	
GP-SWC (9)	1/22/16 1513		DRO/GRO	

Comments

Preservation
Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____
ZnAc Ascorbic Acid Other

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	1/22/16 3:50 pm		1/22/16 3:55
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
			1/22/16-2009

Temperature on Receipt 3.8 °C

Appendix E

Laboratory Data Deliverables for Remedial Investigation Soil Samples

Technical Report

prepared for:

Liberty Environmental, Inc
131 Varick Street, Suite 1022
New York NY, 10013
Attention: Raphael Rosenbaum

Report Date: 02/02/2016
Client Project ID: 160020
York Project (SDG) No.: 16A0628

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT-005 New York Cert. No. 10854 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 02/02/2016
Client Project ID: 160020
York Project (SDG) No.: 16A0628

Liberty Environmental, Inc
131 Varick Street, Suite 1022
New York NY, 10013
Attention: Raphael Rosenbaum

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 January 21, 2016 and listed below. The project was identified as your project: **160020**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
16A0628-01	GP-4 (0-3)	Soil	01/21/2016	01/21/2016
16A0628-02	GP-4 (13-15)	Soil	01/21/2016	01/21/2016
16A0628-07	Trip Blank	Water	01/21/2016	01/21/2016
16A0689-06	GP-6 (0-3)	Soil	01/21/2016	01/22/2016
16A0689-07	GP-6 (13-15)	Soil	01/21/2016	01/22/2016
16A0689-09	GP-7 (0-3)	Soil	01/22/2016	01/22/2016
16A0689-10	GP-7 (4-6)	Soil	01/22/2016	01/22/2016
16A0689-14	GP-5 (0-3)	Soil	01/22/2016	01/22/2016
16A0689-16	GP-5 (13-15)	Soil	01/22/2016	01/22/2016
16A0689-18	Trip Blank	Water	01/22/2016	01/22/2016

General Notes for York Project (SDG) No.: 16A0628

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: **Date:** 02/02/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **GP-4 (0-3)** **York Sample ID:** **16A0628-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 10:02 am	01/21/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.090	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK

Sample Information

Client Sample ID: GP-4 (0-3) **York Sample ID:** 16A0628-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 10:02 am	01/21/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK

Sample Information

Client Sample ID: GP-4 (0-3) **York Sample ID:** 16A0628-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 10:02 am	01/21/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 09:03	01/28/2016 15:05	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 09:03	01/28/2016 15:05	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0090	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:05	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:05	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.0 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

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

Sample Information

Client Sample ID: **GP-4 (0-3)** **York Sample ID:** **16A0628-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 10:02 am	01/21/2016

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:12	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:12	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854	01/22/2016 13:45	01/24/2016 23:12	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:12	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854	01/22/2016 13:45	01/24/2016 23:12	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854	01/22/2016 13:45	01/24/2016 23:12	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:12	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:12	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
91-57-6	**2-Methylnaphthalene**	**0.0727**	J	mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:12	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:12	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH

Sample Information

Client Sample ID: GP-4 (0-3) **York Sample ID:** 16A0628-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 10:02 am	01/21/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:12	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
83-32-9	**Acenaphthene**	**0.320**		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
208-96-8	**Acenaphthylene**	**0.0817**	J	mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:12	KH
62-53-3	Aniline	ND		mg/kg dry	0.188	0.376	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
120-12-7	**Anthracene**	**0.813**		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:12	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:12	KH
92-87-5	Benzidine	ND		mg/kg dry	0.188	0.376	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	01/22/2016 13:45	01/24/2016 23:12	KH
56-55-3	**Benzo(a)anthracene**	**2.08**		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
50-32-8	**Benzo(a)pyrene**	**1.69**		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
205-99-2	**Benzo(b)fluoranthene**	**1.23**		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
191-24-2	**Benzo(g,h,i)perylene**	**1.13**		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
207-08-9	**Benzo(k)fluoranthene**	**1.07**		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:12	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH

Sample Information

Client Sample ID: GP-4 (0-3) **York Sample ID:** 16A0628-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 10:02 am	01/21/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0938	0.187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:12	KH
86-74-8	**Carbazole**	**0.286**		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
218-01-9	**Chrysene**	**1.69**		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
53-70-3	**Dibenzo(a,h)anthracene**	**0.511**		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
132-64-9	**Dibenzofuran**	**0.116**		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:12	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
206-44-0	**Fluoranthene**	**2.82**		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
86-73-7	**Fluorene**	**0.304**		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.06**		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
91-20-3	**Naphthalene**	**0.0675**	J	mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:12	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH

Sample Information

Client Sample ID: GP-4 (0-3) **York Sample ID:** 16A0628-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 10:02 am	01/21/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:12	KH
621-64-7	**N-nitroso-di-n-propylamine**	**0.179**		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:12	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
85-01-8	**Phenanthrene**	**2.40**		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
108-95-2	Phenol	ND		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH
129-00-0	**Pyrene**	**2.95**		mg/kg dry	0.0470	0.0938	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:12	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*44.7 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*48.5 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*44.8 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*53.1 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*48.1 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*60.4 %*	*24-116*

Pesticides, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00186	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/25/2016 13:23	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00186	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/25/2016 13:23	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00186	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/25/2016 13:23	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00186	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/25/2016 13:23	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00186	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/25/2016 13:23	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00186	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/25/2016 13:23	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.00742	0.00742	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/25/2016 13:23	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00186	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/25/2016 13:23	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00186	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/25/2016 13:23	AMC

Sample Information

Client Sample ID: GP-4 (0-3) **York Sample ID:** 16A0628-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 10:02 am	01/21/2016

Pesticides, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		mg/kg dry	0.00186	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/25/2016 13:23	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00186	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/25/2016 13:23	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00186	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/25/2016 13:23	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00186	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/25/2016 13:23	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00186	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/25/2016 13:23	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00186	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 07:51	01/25/2016 13:23	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00186	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/25/2016 13:23	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00186	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/25/2016 13:23	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00186	0.00186	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/25/2016 13:23	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00928	0.00928	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/25/2016 13:23	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.0939	0.0939	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 07:51	01/25/2016 13:23	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*35.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.4 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 15:56	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 15:56	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 15:56	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 15:56	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 15:56	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 15:56	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 15:56	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	0.0187	1	EPA 8082A Certifications:	01/22/2016 07:51	01/22/2016 15:56	AMC

Sample Information

Client Sample ID: GP-4 (0-3) **York Sample ID:** 16A0628-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 10:02 am	01/21/2016

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.3 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10800**		mg/kg dry	5.62	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:40	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 11:56	01/22/2016 17:40	ALD
7440-38-2	**Arsenic**	**4.01**		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 11:56	01/22/2016 17:40	ALD
7440-39-3	**Barium**	**155**		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 11:56	01/22/2016 17:40	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.112	0.112	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:40	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.337	0.337	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 11:56	01/22/2016 17:40	ALD
7440-70-2	**Calcium**	**9150**		mg/kg dry	0.562	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:40	ALD
7440-47-3	**Chromium**	**22.3**		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 11:56	01/22/2016 17:40	ALD
7440-48-4	**Cobalt**	**8.33**		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:40	ALD
7440-50-8	**Copper**	**41.2**		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:40	ALD
7439-89-6	**Iron**	**22600**		mg/kg dry	2.25	2.25	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:40	ALD
7439-92-1	**Lead**	**182**		mg/kg dry	0.337	0.337	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 11:56	01/22/2016 17:40	ALD
7439-95-4	**Magnesium**	**2820**		mg/kg dry	5.62	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:40	ALD
7439-96-5	**Manganese**	**417**		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:40	ALD
7440-02-0	**Nickel**	**17.0**		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 11:56	01/22/2016 17:40	ALD
7440-09-7	**Potassium**	**1690**		mg/kg dry	5.62	5.62	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:40	ALD
7782-49-2	**Selenium**	**2.68**		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 11:56	01/22/2016 17:40	ALD

Sample Information

Client Sample ID: GP-4 (0-3) **York Sample ID:** 16A0628-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 10:02 am	01/21/2016

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.562	0.562	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 11:56	01/22/2016 17:40	ALD
7440-23-5	**Sodium**	**392**		mg/kg dry	11.2	11.2	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:40	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:40	ALD
7440-62-2	**Vanadium**	**30.4**		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:40	ALD
7440-66-6	**Zinc**	**157**		mg/kg dry	1.12	1.12	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:40	ALD

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.795**		mg/kg dry	0.0337	0.0337	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/25/2016 07:11	01/25/2016 10:05	ALD

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.9**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	01/22/2016 11:16	01/22/2016 14:34	CLS

Sample Information

Client Sample ID: GP-4 (13-15) **York Sample ID:** 16A0628-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:32 am	01/21/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK

Sample Information

Client Sample ID: GP-4 (13-15) **York Sample ID:** 16A0628-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:32 am	01/21/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.090	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
67-64-1	Acetone	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK

Sample Information

Client Sample ID: GP-4 (13-15) **York Sample ID:** 16A0628-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:32 am	01/21/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK

Sample Information

Client Sample ID: GP-4 (13-15) **York Sample ID:** 16A0628-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:32 am	01/21/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 09:03	01/28/2016 15:35	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 09:03	01/28/2016 15:35	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0090	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 09:03	01/28/2016 15:35	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 09:03	01/28/2016 15:35	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.0 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:44	KH

Sample Information

Client Sample ID: GP-4 (13-15) **York Sample ID:** 16A0628-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:32 am	01/21/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:44	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: NELAC-NY10854	01/22/2016 13:45	01/24/2016 23:44	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:44	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: NELAC-NY10854	01/22/2016 13:45	01/24/2016 23:44	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: NELAC-NY10854	01/22/2016 13:45	01/24/2016 23:44	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:44	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:44	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:44	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:44	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:44	KH

Sample Information

Client Sample ID: GP-4 (13-15) **York Sample ID:** 16A0628-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:32 am	01/21/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:44	KH
62-53-3	Aniline	ND		mg/kg dry	0.192	0.385	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:44	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:44	KH
92-87-5	Benzidine	ND		mg/kg dry	0.192	0.385	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	01/22/2016 13:45	01/24/2016 23:44	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:44	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH

Sample Information

Client Sample ID: GP-4 (13-15) **York Sample ID:** 16A0628-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:32 am	01/21/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0961	0.192	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:44	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:44	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:44	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:44	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 13:45	01/24/2016 23:44	KH

Sample Information

Client Sample ID: GP-4 (13-15) **York Sample ID:** 16A0628-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:32 am	01/21/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
108-95-2	Phenol	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0482	0.0961	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 13:45	01/24/2016 23:44	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*57.9 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*60.6 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*56.5 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*60.7 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*51.7 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*59.3 %*	*24-116*

Pesticides, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00190	0.00190	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 20:52	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00190	0.00190	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 20:52	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00190	0.00190	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 20:52	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00190	0.00190	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 20:52	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00190	0.00190	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 20:52	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00190	0.00190	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 20:52	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.00760	0.00760	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 20:52	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00190	0.00190	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 20:52	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00190	0.00190	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 20:52	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00190	0.00190	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 20:52	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00190	0.00190	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 20:52	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00190	0.00190	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 20:52	AMC

Sample Information

Client Sample ID: GP-4 (13-15) **York Sample ID:** 16A0628-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:32 am	01/21/2016

Pesticides, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00190	0.00190	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 20:52	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00190	0.00190	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 20:52	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00190	0.00190	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 07:51	01/22/2016 20:52	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00190	0.00190	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 20:52	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00190	0.00190	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 20:52	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00190	0.00190	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 20:52	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00951	0.00951	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 20:52	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.0962	0.0962	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 07:51	01/22/2016 20:52	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.5 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 16:25	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 16:25	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 16:25	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 16:25	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 16:25	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 16:25	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/22/2016 07:51	01/22/2016 16:25	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	0.0192	1	EPA 8082A Certifications:	01/22/2016 07:51	01/22/2016 16:25	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*95.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.4 %*	*30-140*

Sample Information

Client Sample ID: **GP-4 (13-15)** **York Sample ID:** **16A0628-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:32 am	01/21/2016

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**14300**		mg/kg dry	5.76	5.76	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.576	0.576	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7440-38-2	**Arsenic**	**1.83**		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7440-39-3	**Barium**	**34.9**		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.115	0.115	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.346	0.346	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7440-70-2	**Calcium**	**1100**		mg/kg dry	0.576	5.76	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7440-47-3	**Chromium**	**41.4**		mg/kg dry	0.576	0.576	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7440-48-4	**Cobalt**	**9.73**		mg/kg dry	0.576	0.576	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7440-50-8	**Copper**	**20.0**		mg/kg dry	0.576	0.576	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7439-89-6	**Iron**	**32300**		mg/kg dry	2.30	2.30	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7439-92-1	**Lead**	**10.0**		mg/kg dry	0.346	0.346	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7439-95-4	**Magnesium**	**2790**		mg/kg dry	5.76	5.76	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7439-96-5	**Manganese**	**234**		mg/kg dry	0.576	0.576	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7440-02-0	**Nickel**	**17.8**		mg/kg dry	0.576	0.576	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7440-09-7	**Potassium**	**1050**		mg/kg dry	5.76	5.76	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7782-49-2	**Selenium**	**3.67**		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7440-22-4	Silver	ND		mg/kg dry	0.576	0.576	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7440-23-5	**Sodium**	**132**		mg/kg dry	11.5	11.5	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7440-62-2	**Vanadium**	**49.7**		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:44	ALD
7440-66-6	**Zinc**	**44.7**		mg/kg dry	1.15	1.15	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/22/2016 11:56	01/22/2016 17:44	ALD

Sample Information

Client Sample ID: GP-4 (13-15) **York Sample ID:** 16A0628-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Soil	January 21, 2016 11:32 am	01/21/2016

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0346	0.0346	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/25/2016 07:11	01/25/2016 10:18	ALD

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.8**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	01/22/2016 11:16	01/22/2016 14:34	CLS

Sample Information

Client Sample ID: Trip Blank **York Sample ID:** 16A0628-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Water	January 21, 2016 12:00 pm	01/21/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **16A0628-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Water	January 21, 2016 12:00 pm	01/21/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	160	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
78-93-3	2-Butanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **16A0628-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Water	January 21, 2016 12:00 pm	01/21/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	01/26/2016 08:20	01/26/2016 12:34	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	01/26/2016 08:20	01/26/2016 12:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **16A0628-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0628	160020	Water	January 21, 2016 12:00 pm	01/21/2016

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	01/26/2016 08:20	01/26/2016 12:34	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.7 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*98.8 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*79-122*

Sample Information

Client Sample ID: **GP-6 (0-3)** **York Sample ID:** **16A0689-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 3:07 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK

Sample Information

Client Sample ID: GP-6 (0-3) **York Sample ID:** 16A0689-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 3:07 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
67-64-1	Acetone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK

Sample Information

Client Sample ID: GP-6 (0-3) **York Sample ID:** 16A0689-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 3:07 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 17:24	01/29/2016 02:26	BK

Sample Information

Client Sample ID: GP-6 (0-3) **York Sample ID:** 16A0689-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 3:07 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 17:24	01/29/2016 02:26	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:26	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:26	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.4 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 21:30	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 21:30	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/27/2016 21:30	KH

Sample Information

Client Sample ID: GP-6 (0-3) **York Sample ID:** 16A0689-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 3:07 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 21:30	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/27/2016 21:30	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/27/2016 21:30	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 21:30	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 21:30	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 21:30	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 21:30	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 21:30	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH

Sample Information

Client Sample ID: GP-6 (0-3) **York Sample ID:** 16A0689-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 3:07 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 21:30	KH
62-53-3	Aniline	ND		mg/kg dry	0.186	0.371	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 21:30	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 21:30	KH
92-87-5	Benzidine	ND		mg/kg dry	0.186	0.371	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	01/27/2016 07:42	01/27/2016 21:30	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 21:30	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 21:30	KH

Sample Information

Client Sample ID: GP-6 (0-3) **York Sample ID:** 16A0689-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 3:07 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-74-8	Carbazole	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 21:30	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 21:30	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 21:30	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 21:30	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH
108-95-2	Phenol	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH

Sample Information

Client Sample ID: GP-6 (0-3) **York Sample ID:** 16A0689-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 3:07 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	ND		mg/kg dry	0.0464	0.0927	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 21:30	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*73.8 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*78.2 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*67.2 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*63.1 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*60.8 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*76.3 %*	*24-116*

Pesticides, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:02	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:02	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:02	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:02	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:02	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:02	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.00733	0.00733	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:02	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:02	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:02	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:02	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:02	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:02	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:02	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:02	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:09	01/27/2016 01:02	AMC

Sample Information

Client Sample ID: **GP-6 (0-3)** **York Sample ID:** **16A0689-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 3:07 pm	01/22/2016

Pesticides, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:02	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:02	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:02	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00917	0.00917	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:02	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.0928	0.0928	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:09	01/27/2016 01:02	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.9 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 23:38	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 23:38	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 23:38	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 23:38	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 23:38	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 23:38	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 23:38	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications:	01/26/2016 08:09	01/26/2016 23:38	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.1 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7770**		mg/kg dry	5.56	5.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:18	ALD

Sample Information

Client Sample ID: GP-6 (0-3) **York Sample ID:** 16A0689-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 3:07 pm	01/22/2016

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	**Antimony**	**4.41**		mg/kg dry	0.556	0.556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:18	ALD
7440-38-2	**Arsenic**	**13.4**		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:18	ALD
7440-39-3	**Barium**	**221**		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:18	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:18	ALD
7440-43-9	**Cadmium**	**0.765**		mg/kg dry	0.333	0.333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:18	ALD
7440-70-2	**Calcium**	**15600**		mg/kg dry	0.556	5.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:18	ALD
7440-47-3	**Chromium**	**20.3**		mg/kg dry	0.556	0.556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:18	ALD
7440-48-4	**Cobalt**	**7.66**		mg/kg dry	0.556	0.556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:18	ALD
7440-50-8	**Copper**	**78.6**		mg/kg dry	0.556	0.556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:18	ALD
7439-89-6	**Iron**	**29100**		mg/kg dry	2.22	2.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:18	ALD
7439-92-1	**Lead**	**602**	B	mg/kg dry	0.333	0.333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:18	ALD
7439-95-4	**Magnesium**	**2180**		mg/kg dry	5.56	5.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:18	ALD
7439-96-5	**Manganese**	**416**		mg/kg dry	0.556	0.556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:18	ALD
7440-02-0	**Nickel**	**16.0**		mg/kg dry	0.556	0.556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:18	ALD
7440-09-7	**Potassium**	**1020**		mg/kg dry	5.56	5.56	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:18	ALD
7782-49-2	**Selenium**	**2.26**		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:18	ALD
7440-22-4	Silver	ND		mg/kg dry	0.556	0.556	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:18	ALD
7440-23-5	**Sodium**	**322**		mg/kg dry	11.1	11.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:18	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:18	ALD
7440-62-2	**Vanadium**	**21.5**		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:18	ALD
7440-66-6	**Zinc**	**403**		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:18	ALD

Mercury by 7473

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

Sample Information

Client Sample ID: GP-6 (0-3) **York Sample ID:** 16A0689-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 3:07 pm	01/22/2016

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**2.95**		mg/kg dry	0.0333	0.0333	1	EPA 7473	01/26/2016 07:21	01/27/2016 08:13	KV
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.0**		%	0.100	0.100	1	SM 2540G	01/25/2016 11:15	01/25/2016 16:31	CLS
								Certifications: CTDOH			

Sample Information

Client Sample ID: GP-6 (13-15) **York Sample ID:** 16A0689-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:03 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/28/2016 17:24	01/29/2016 02:56	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/28/2016 17:24	01/29/2016 02:56	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/28/2016 17:24	01/29/2016 02:56	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/28/2016 17:24	01/29/2016 02:56	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/28/2016 17:24	01/29/2016 02:56	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/28/2016 17:24	01/29/2016 02:56	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/28/2016 17:24	01/29/2016 02:56	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/28/2016 17:24	01/29/2016 02:56	BK
								Certifications: NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/28/2016 17:24	01/29/2016 02:56	BK
								Certifications: NELAC-NY10854,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/28/2016 17:24	01/29/2016 02:56	BK
								Certifications: NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	01/28/2016 17:24	01/29/2016 02:56	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: GP-6 (13-15) **York Sample ID:** 16A0689-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:03 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.086	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
67-64-1	Acetone	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK

Sample Information

Client Sample ID: GP-6 (13-15) **York Sample ID:** 16A0689-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:03 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 17:24	01/29/2016 02:56	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 17:24	01/29/2016 02:56	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK

Sample Information

Client Sample ID: GP-6 (13-15) **York Sample ID:** 16A0689-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:03 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 02:56	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 02:56	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.2 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:03	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:03	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/27/2016 22:03	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:03	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/27/2016 22:03	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/27/2016 22:03	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:03	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:03	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH

Sample Information

Client Sample ID: GP-6 (13-15) **York Sample ID:** 16A0689-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:03 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:03	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:03	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:03	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:03	KH

Sample Information

Client Sample ID: GP-6 (13-15) **York Sample ID:** 16A0689-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:03 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		mg/kg dry	0.194	0.388	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:03	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:03	KH
92-87-5	Benzidine	ND		mg/kg dry	0.194	0.388	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	01/27/2016 07:42	01/27/2016 22:03	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:03	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0969	0.194	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:03	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:03	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH

Sample Information

Client Sample ID: GP-6 (13-15) **York Sample ID:** 16A0689-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:03 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:03	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:03	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:03	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
108-95-2	Phenol	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0486	0.0969	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:03	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*78.4 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*84.1 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*70.8 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*67.3 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*64.6 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*83.7 %*	*24-116*

Sample Information

Client Sample ID: GP-6 (13-15) **York Sample ID:** 16A0689-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:03 pm	01/22/2016

Pesticides, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:26	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:26	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:26	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:26	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:26	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:26	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.00767	0.00767	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:26	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:26	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:26	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:26	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:26	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:26	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:26	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:26	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:09	01/26/2016 21:26	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:26	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:26	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:26	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00959	0.00959	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:26	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.0970	0.0970	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:09	01/26/2016 21:26	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.8 %*	*30-140*

Sample Information

Client Sample ID: GP-6 (13-15) **York Sample ID:** 16A0689-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:03 pm	01/22/2016

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 00:08	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 00:08	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 00:08	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 00:08	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 00:08	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 00:08	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 00:08	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications:	01/26/2016 08:09	01/27/2016 00:08	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*91.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.9 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**16900**		mg/kg dry	5.81	5.81	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:38	ALD
7440-36-0	**Antimony**	**1.40**		mg/kg dry	0.581	0.581	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:38	ALD
7440-38-2	**Arsenic**	**3.65**		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:38	ALD
7440-39-3	**Barium**	**53.9**		mg/kg dry	1.16	1.16	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:38	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.116	0.116	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:38	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.349	0.349	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:38	ALD
7440-70-2	**Calcium**	**1390**		mg/kg dry	0.581	5.81	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:38	ALD
7440-47-3	**Chromium**	**23.0**		mg/kg dry	0.581	0.581	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:38	ALD
7440-48-4	**Cobalt**	**10.8**		mg/kg dry	0.581	0.581	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:38	ALD
7440-50-8	**Copper**	**15.3**		mg/kg dry	0.581	0.581	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:38	ALD

Sample Information

Client Sample ID: **GP-6 (13-15)** **York Sample ID:** **16A0689-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 21, 2016 4:03 pm	01/22/2016

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**28000**		mg/kg dry	2.32	2.32	1	EPA 6010C	01/25/2016 13:33	01/25/2016 22:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-92-1	**Lead**	**11.9**	B	mg/kg dry	0.349	0.349	1	EPA 6010C	01/25/2016 13:33	01/25/2016 22:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2390**		mg/kg dry	5.81	5.81	1	EPA 6010C	01/25/2016 13:33	01/25/2016 22:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7439-96-5	**Manganese**	**409**		mg/kg dry	0.581	0.581	1	EPA 6010C	01/25/2016 13:33	01/25/2016 22:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-02-0	**Nickel**	**15.7**		mg/kg dry	0.581	0.581	1	EPA 6010C	01/25/2016 13:33	01/25/2016 22:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**924**		mg/kg dry	5.81	5.81	1	EPA 6010C	01/25/2016 13:33	01/25/2016 22:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7782-49-2	Selenium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C	01/25/2016 13:33	01/25/2016 22:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.581	0.581	1	EPA 6010C	01/25/2016 13:33	01/25/2016 22:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**78.8**		mg/kg dry	11.6	11.6	1	EPA 6010C	01/25/2016 13:33	01/25/2016 22:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-28-0	Thallium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C	01/25/2016 13:33	01/25/2016 22:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-62-2	**Vanadium**	**30.7**		mg/kg dry	1.16	1.16	1	EPA 6010C	01/25/2016 13:33	01/25/2016 22:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
7440-66-6	**Zinc**	**46.2**		mg/kg dry	1.16	1.16	1	EPA 6010C	01/25/2016 13:33	01/25/2016 22:38	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0413**		mg/kg dry	0.0349	0.0349	1	EPA 7473	01/26/2016 07:21	01/26/2016 16:08	KV
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.0**		%	0.100	0.100	1	SM 2540G	01/25/2016 11:15	01/25/2016 16:31	CLS
								Certifications: CTDOH			

Sample Information

Client Sample ID: GP-7 (0-3)

York Sample ID: 16A0689-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:28 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.096	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK

Sample Information

Client Sample ID: GP-7 (0-3) **York Sample ID:** 16A0689-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:28 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK

Sample Information

Client Sample ID: GP-7 (0-3) **York Sample ID:** 16A0689-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:28 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 17:24	01/29/2016 03:55	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 17:24	01/29/2016 03:55	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 03:55	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 03:55	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.3 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

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

Sample Information

Client Sample ID: GP-7 (0-3) **York Sample ID:** 16A0689-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:28 pm	01/22/2016

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:43	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:43	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/27/2016 23:43	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:43	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/27/2016 23:43	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/27/2016 23:43	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:43	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:43	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:43	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:43	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH

Sample Information

Client Sample ID: GP-7 (0-3) **York Sample ID:** 16A0689-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:28 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:43	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:43	KH
62-53-3	Aniline	ND		mg/kg dry	0.183	0.366	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
120-12-7	**Anthracene**	**0.0745**	J	mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:43	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:43	KH
92-87-5	Benzidine	ND		mg/kg dry	0.183	0.366	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	01/27/2016 07:42	01/27/2016 23:43	KH
56-55-3	**Benzo(a)anthracene**	**0.320**		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
50-32-8	**Benzo(a)pyrene**	**0.212**		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
205-99-2	**Benzo(b)fluoranthene**	**0.215**		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.0905**	J	mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
207-08-9	**Benzo(k)fluoranthene**	**0.266**		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:43	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH

Sample Information

Client Sample ID: GP-7 (0-3) **York Sample ID:** 16A0689-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:28 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.107**		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0913	0.182	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:43	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
218-01-9	**Chrysene**	**0.443**		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:43	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
206-44-0	**Fluoranthene**	**0.812**		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0891**	J	mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:43	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH

Sample Information

Client Sample ID: GP-7 (0-3) **York Sample ID:** 16A0689-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:28 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:43	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 23:43	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
85-01-8	**Phenanthrene**	**0.523**		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
108-95-2	Phenol	ND		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH
129-00-0	**Pyrene**	**0.766**		mg/kg dry	0.0458	0.0913	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 23:43	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*54.1 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*64.7 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*55.3 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*55.2 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*30.1 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*71.5 %*	*24-116*

Pesticides, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:17	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:17	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:17	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:17	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:17	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:17	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.00723	0.00723	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:17	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:17	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:17	AMC

Sample Information

Client Sample ID: GP-7 (0-3) **York Sample ID:** 16A0689-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:28 pm	01/22/2016

Pesticides, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:17	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:17	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:17	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:17	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:17	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:09	01/27/2016 01:17	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:17	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:17	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:17	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00903	0.00903	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:17	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.0914	0.0914	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:09	01/27/2016 01:17	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.2 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.2 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:06	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:06	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:06	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:06	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:06	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:06	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:06	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	0.0182	1	EPA 8082A Certifications:	01/26/2016 08:09	01/27/2016 01:06	AMC

Sample Information

Client Sample ID: GP-7 (0-3) **York Sample ID:** 16A0689-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:28 pm	01/22/2016

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.1 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.8 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9470**		mg/kg dry	5.47	5.47	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:48	ALD
7440-36-0	**Antimony**	**10.5**		mg/kg dry	0.547	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:48	ALD
7440-38-2	**Arsenic**	**14.1**		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:48	ALD
7440-39-3	**Barium**	**237**		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:48	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.109	0.109	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:48	ALD
7440-43-9	**Cadmium**	**0.550**		mg/kg dry	0.328	0.328	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:48	ALD
7440-70-2	**Calcium**	**52200**		mg/kg dry	0.547	5.47	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:48	ALD
7440-47-3	**Chromium**	**18.6**		mg/kg dry	0.547	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:48	ALD
7440-48-4	**Cobalt**	**7.32**		mg/kg dry	0.547	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:48	ALD
7440-50-8	**Copper**	**83.1**		mg/kg dry	0.547	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:48	ALD
7439-89-6	**Iron**	**18900**		mg/kg dry	2.19	2.19	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:48	ALD
7439-92-1	**Lead**	**629**	B	mg/kg dry	0.328	0.328	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:48	ALD
7439-95-4	**Magnesium**	**4190**		mg/kg dry	5.47	5.47	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:48	ALD
7439-96-5	**Manganese**	**442**		mg/kg dry	0.547	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:48	ALD
7440-02-0	**Nickel**	**19.1**		mg/kg dry	0.547	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:48	ALD
7440-09-7	**Potassium**	**1980**		mg/kg dry	5.47	5.47	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:48	ALD
7782-49-2	Selenium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:48	ALD

Sample Information

Client Sample ID: GP-7 (0-3) **York Sample ID:** 16A0689-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:28 pm	01/22/2016

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.547	0.547	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:48	ALD
7440-23-5	**Sodium**	**1090**		mg/kg dry	10.9	10.9	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:48	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:48	ALD
7440-62-2	**Vanadium**	**25.4**		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:48	ALD
7440-66-6	**Zinc**	**130**		mg/kg dry	1.09	1.09	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:48	ALD

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.05**		mg/kg dry	0.0328	0.0328	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/26/2016 07:21	01/26/2016 16:29	KV

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.3**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	01/25/2016 11:15	01/25/2016 16:31	CLS

Sample Information

Client Sample ID: GP-7 (4-6) **York Sample ID:** 16A0689-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:46 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK

Sample Information

Client Sample ID: GP-7 (4-6) **York Sample ID:** 16A0689-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:46 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.088	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
67-64-1	Acetone	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK

Sample Information

Client Sample ID: GP-7 (4-6) **York Sample ID:** 16A0689-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:46 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK

Sample Information

Client Sample ID: GP-7 (4-6) **York Sample ID:** 16A0689-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:46 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 17:24	01/29/2016 04:25	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 17:24	01/29/2016 04:25	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:25	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:25	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*96.9 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*85.0 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 00:16	KH

Sample Information

Client Sample ID: GP-7 (4-6) **York Sample ID:** 16A0689-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:46 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0951	0.190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 00:16	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/28/2016 00:16	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 00:16	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/28/2016 00:16	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/28/2016 00:16	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0951	0.190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 00:16	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 00:16	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0951	0.190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 00:16	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0951	0.190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 00:16	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0951	0.190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0951	0.190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 00:16	KH

Sample Information

Client Sample ID: GP-7 (4-6) **York Sample ID:** 16A0689-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:46 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0951	0.190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0951	0.190	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 00:16	KH
62-53-3	Aniline	ND		mg/kg dry	0.190	0.381	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
120-12-7	**Anthracene**	**0.0646**	J	mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 00:16	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 00:16	KH
92-87-5	Benzidine	ND		mg/kg dry	0.190	0.381	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	01/27/2016 07:42	01/28/2016 00:16	KH
56-55-3	**Benzo(a)anthracene**	**0.234**		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
50-32-8	**Benzo(a)pyrene**	**0.184**		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
205-99-2	**Benzo(b)fluoranthene**	**0.155**		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
191-24-2	**Benzo(g,h,i)perylene**	**0.0783**	J	mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
207-08-9	**Benzo(k)fluoranthene**	**0.180**		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 00:16	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH

Sample Information

Client Sample ID: GP-7 (4-6) **York Sample ID:** 16A0689-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:46 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0951	0.190	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 00:16	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
218-01-9	**Chrysene**	**0.274**		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 00:16	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
206-44-0	**Fluoranthene**	**0.553**		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0661**	J	mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 00:16	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 00:16	KH

Sample Information

Client Sample ID: GP-7 (4-6) **York Sample ID:** 16A0689-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:46 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/28/2016 00:16	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
85-01-8	**Phenanthrene**	**0.376**		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
108-95-2	Phenol	ND		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH
129-00-0	**Pyrene**	**0.531**		mg/kg dry	0.0477	0.0951	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/28/2016 00:16	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*63.4 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*68.5 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*56.5 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*53.5 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*47.8 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*61.8 %*	*24-116*

Pesticides, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:32	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:32	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:32	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:32	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:32	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:32	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.00753	0.00753	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:32	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:32	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:32	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:32	AMC

Sample Information

Client Sample ID: GP-7 (4-6) **York Sample ID:** 16A0689-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:46 pm	01/22/2016

Pesticides, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 01:32	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 01:32	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 01:32	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 01:32	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP	01/27/2016 01:32	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 01:32	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 01:32	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00188	0.00188	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 01:32	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00941	0.00941	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 01:32	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.0952	0.0952	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP	01/27/2016 01:32	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.2 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.3 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	01/26/2016 08:09 NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2016 01:35	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	01/26/2016 08:09 NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2016 01:35	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	01/26/2016 08:09 NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2016 01:35	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	01/26/2016 08:09 NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2016 01:35	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	01/26/2016 08:09 NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2016 01:35	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	01/26/2016 08:09 NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2016 01:35	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	01/26/2016 08:09 NELAC-NY10854,CTDOH,NJDEP,PADEP	01/27/2016 01:35	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	0.0190	1	EPA 8082A Certifications:	01/26/2016 08:09	01/27/2016 01:35	AMC

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: GP-7 (4-6) **York Sample ID:** 16A0689-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:46 pm	01/22/2016

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*79.6 %*			*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.0 %*			*30-140*						

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12000**		mg/kg dry	5.70	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:55	ALD
7440-36-0	**Antimony**	**0.823**		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:55	ALD
7440-38-2	**Arsenic**	**6.26**		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:55	ALD
7440-39-3	**Barium**	**410**		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:55	ALD
7440-41-7	**Beryllium**	**0.169**		mg/kg dry	0.114	0.114	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:55	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.342	0.342	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:55	ALD
7440-70-2	**Calcium**	**5600**		mg/kg dry	0.570	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:55	ALD
7440-47-3	**Chromium**	**19.0**		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:55	ALD
7440-48-4	**Cobalt**	**7.41**		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:55	ALD
7440-50-8	**Copper**	**39.4**		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:55	ALD
7439-89-6	**Iron**	**19700**		mg/kg dry	2.28	2.28	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:55	ALD
7439-92-1	**Lead**	**543**	B	mg/kg dry	0.342	0.342	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:55	ALD
7439-95-4	**Magnesium**	**2740**		mg/kg dry	5.70	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:55	ALD
7439-96-5	**Manganese**	**569**		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:55	ALD
7440-02-0	**Nickel**	**15.4**		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:55	ALD
7440-09-7	**Potassium**	**1180**		mg/kg dry	5.70	5.70	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:55	ALD
7782-49-2	Selenium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:55	ALD
7440-22-4	Silver	ND		mg/kg dry	0.570	0.570	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 22:55	ALD

Sample Information

Client Sample ID: GP-7 (4-6) **York Sample ID:** 16A0689-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 12:46 pm	01/22/2016

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	**Sodium**	**236**		mg/kg dry	11.4	11.4	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:55	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:55	ALD
7440-62-2	**Vanadium**	**26.6**		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:55	ALD
7440-66-6	**Zinc**	**261**		mg/kg dry	1.14	1.14	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 22:55	ALD

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.835**		mg/kg dry	0.0342	0.0342	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	01/26/2016 07:21	01/26/2016 16:41	KV

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.7**		%	0.100	0.100	1	SM 2540G Certifications: CTDOH	01/25/2016 11:15	01/25/2016 16:31	CLS

Sample Information

Client Sample ID: GP-5 (0-3) **York Sample ID:** 16A0689-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 2:37 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK

Sample Information

Client Sample ID: GP-5 (0-3) **York Sample ID:** 16A0689-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 2:37 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK

Sample Information

Client Sample ID: GP-5 (0-3) **York Sample ID:** 16A0689-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 2:37 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK

Sample Information

Client Sample ID: GP-5 (0-3) **York Sample ID:** 16A0689-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 2:37 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 17:24	01/29/2016 04:56	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 17:24	01/29/2016 04:56	BK
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
127-18-4	**Tetrachloroethylene**	**0.0045**	J	mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 04:56	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 04:56	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*111 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*107 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.0 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/29/2016 07:07	01/29/2016 13:44	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.232	0.463	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/29/2016 07:07	01/29/2016 13:44	KH

Sample Information

Client Sample ID: GP-5 (0-3) **York Sample ID:** 16A0689-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 2:37 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: NELAC-NY10854	01/29/2016 07:07	01/29/2016 13:44	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/29/2016 07:07	01/29/2016 13:44	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: NELAC-NY10854	01/29/2016 07:07	01/29/2016 13:44	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: NELAC-NY10854	01/29/2016 07:07	01/29/2016 13:44	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.232	0.463	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/29/2016 07:07	01/29/2016 13:44	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/29/2016 07:07	01/29/2016 13:44	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.232	0.463	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
91-57-6	**2-Methylnaphthalene**	**0.161**	J	mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/29/2016 07:07	01/29/2016 13:44	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.232	0.463	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/29/2016 07:07	01/29/2016 13:44	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.232	0.463	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.232	0.463	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/29/2016 07:07	01/29/2016 13:44	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH

Sample Information

Client Sample ID: GP-5 (0-3) **York Sample ID:** 16A0689-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 2:37 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.232	0.463	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.232	0.463	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
83-32-9	**Acenaphthene**	**0.572**		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
208-96-8	**Acenaphthylene**	**0.155**	J	mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/29/2016 07:07	01/29/2016 13:44	KH
62-53-3	Aniline	ND		mg/kg dry	0.464	0.927	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
120-12-7	**Anthracene**	**1.07**		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/29/2016 07:07	01/29/2016 13:44	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/29/2016 07:07	01/29/2016 13:44	KH
92-87-5	Benzidine	ND		mg/kg dry	0.464	0.927	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854	01/29/2016 07:07	01/29/2016 13:44	KH
56-55-3	**Benzo(a)anthracene**	**4.23**		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
50-32-8	**Benzo(a)pyrene**	**3.37**		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
205-99-2	**Benzo(b)fluoranthene**	**2.56**		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
191-24-2	**Benzo(g,h,i)perylene**	**2.52**		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
207-08-9	**Benzo(k)fluoranthene**	**3.01**		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/29/2016 07:07	01/29/2016 13:44	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH

Sample Information

Client Sample ID: GP-5 (0-3) **York Sample ID:** 16A0689-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 2:37 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.232	0.463	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/29/2016 07:07	01/29/2016 13:44	KH
86-74-8	**Carbazole**	**0.354**		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
218-01-9	**Chrysene**	**3.94**		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
53-70-3	**Dibenzo(a,h)anthracene**	**1.16**		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
132-64-9	**Dibenzofuran**	**0.174**	J	mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/29/2016 07:07	01/29/2016 13:44	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
206-44-0	**Fluoranthene**	**5.01**		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
86-73-7	**Fluorene**	**0.515**		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.98**		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
78-59-1	Isophorone	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
91-20-3	**Naphthalene**	**0.139**	J	mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/29/2016 07:07	01/29/2016 13:44	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/29/2016 07:07	01/29/2016 13:44	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH

Sample Information

Client Sample ID: **GP-5 (0-3)** **York Sample ID:** **16A0689-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 2:37 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/29/2016 07:07	01/29/2016 13:44	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
85-01-8	**Phenanthrene**	**4.62**		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
108-95-2	Phenol	ND		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH
129-00-0	**Pyrene**	**5.90**		mg/kg dry	0.116	0.232	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/29/2016 07:07	01/29/2016 13:44	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*57.5 %*	*20-108*
4165-62-2	*Surrogate: Phenol-d5*	*62.3 %*	*23-114*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*59.6 %*	*22-108*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*78.6 %*	*21-113*
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*51.5 %*	*19-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*79.9 %*	*24-116*

Pesticides, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:48	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:48	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:48	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:48	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:48	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:48	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.00733	0.00733	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:48	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:48	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:48	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:48	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:48	AMC

Sample Information

Client Sample ID: GP-5 (0-3) **York Sample ID:** 16A0689-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 2:37 pm	01/22/2016

Pesticides, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:48	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:48	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:48	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:09	01/27/2016 01:48	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:48	AMC
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:48	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:48	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00916	0.00916	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 01:48	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.0927	0.0927	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:09	01/27/2016 01:48	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*42.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.3 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 02:04	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 02:04	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 02:04	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 02:04	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 02:04	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 02:04	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 02:04	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	0.0185	1	EPA 8082A Certifications:	01/26/2016 08:09	01/27/2016 02:04	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.7 %*	*30-140*

Sample Information

Client Sample ID: GP-5 (0-3) **York Sample ID:** 16A0689-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 2:37 pm	01/22/2016

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7620**		mg/kg dry	5.55	5.55	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:00	ALD
7440-36-0	**Antimony**	**1.83**		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:00	ALD
7440-38-2	**Arsenic**	**8.59**		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:00	ALD
7440-39-3	**Barium**	**297**		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:00	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:00	ALD
7440-43-9	**Cadmium**	**0.439**		mg/kg dry	0.333	0.333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:00	ALD
7440-70-2	**Calcium**	**22900**		mg/kg dry	0.555	5.55	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:00	ALD
7440-47-3	**Chromium**	**16.3**		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:00	ALD
7440-48-4	**Cobalt**	**6.11**		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:00	ALD
7440-50-8	**Copper**	**125**		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:00	ALD
7439-89-6	**Iron**	**15400**		mg/kg dry	2.22	2.22	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:00	ALD
7439-92-1	**Lead**	**510**	B	mg/kg dry	0.333	0.333	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:00	ALD
7439-95-4	**Magnesium**	**3000**		mg/kg dry	5.55	5.55	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:00	ALD
7439-96-5	**Manganese**	**293**		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:00	ALD
7440-02-0	**Nickel**	**14.7**		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:00	ALD
7440-09-7	**Potassium**	**1110**		mg/kg dry	5.55	5.55	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:00	ALD
7782-49-2	**Selenium**	**1.26**		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:00	ALD
7440-22-4	Silver	ND		mg/kg dry	0.555	0.555	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:00	ALD
7440-23-5	**Sodium**	**404**		mg/kg dry	11.1	11.1	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:00	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:00	ALD
7440-62-2	**Vanadium**	**20.7**		mg/kg dry	1.11	1.11	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:00	ALD

Sample Information

Client Sample ID: GP-5 (0-3) **York Sample ID:** 16A0689-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 2:37 pm	01/22/2016

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-66-6	**Zinc**	**229**		mg/kg dry	1.11	1.11	1	EPA 6010C	01/25/2016 13:33	01/25/2016 23:00	ALD
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.84**		mg/kg dry	0.0333	0.0333	1	EPA 7473	01/26/2016 07:21	01/26/2016 16:53	KV
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.0**		%	0.100	0.100	1	SM 2540G	01/25/2016 11:15	01/25/2016 16:31	CLS
								Certifications: CTDOH			

Sample Information

Client Sample ID: GP-5 (13-15) **York Sample ID:** 16A0689-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:42 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/28/2016 17:24	01/29/2016 05:55	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/28/2016 17:24	01/29/2016 05:55	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/28/2016 17:24	01/29/2016 05:55	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/28/2016 17:24	01/29/2016 05:55	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/28/2016 17:24	01/29/2016 05:55	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	01/28/2016 17:24	01/29/2016 05:55	BK
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: GP-5 (13-15) **York Sample ID:** 16A0689-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:42 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.089	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
67-64-1	Acetone	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK

Sample Information

Client Sample ID: GP-5 (13-15) **York Sample ID:** 16A0689-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:42 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 17:24	01/29/2016 05:55	BK
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854	01/28/2016 17:24	01/29/2016 05:55	BK

Sample Information

Client Sample ID: GP-5 (13-15) **York Sample ID:** 16A0689-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:42 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/28/2016 17:24	01/29/2016 05:55	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/28/2016 17:24	01/29/2016 05:55	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*87.1 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1'-Biphenyl	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:37	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0972	0.194	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:37	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/27/2016 22:37	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:37	KH

Sample Information

Client Sample ID: GP-5 (13-15) **York Sample ID:** 16A0689-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:42 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/27/2016 22:37	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: NELAC-NY10854	01/27/2016 07:42	01/27/2016 22:37	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0972	0.194	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:37	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:37	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0972	0.194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:37	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0972	0.194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:37	KH
91-94-1	3,3'-Dichlorobenzidine	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0972	0.194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0972	0.194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:37	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH

Sample Information

Client Sample ID: GP-5 (13-15) **York Sample ID:** 16A0689-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:42 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0972	0.194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0972	0.194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:37	KH
62-53-3	Aniline	ND		mg/kg dry	0.195	0.389	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:37	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:37	KH
92-87-5	Benzidine	ND		mg/kg dry	0.195	0.389	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854	01/27/2016 07:42	01/27/2016 22:37	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:37	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0972	0.194	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:37	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH

Sample Information

Client Sample ID: GP-5 (13-15) **York Sample ID:** 16A0689-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:42 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:37	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:37	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:37	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP	01/27/2016 07:42	01/27/2016 22:37	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
108-95-2	Phenol	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0487	0.0972	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/27/2016 07:42	01/27/2016 22:37	KH

Sample Information

Client Sample ID: GP-5 (13-15) **York Sample ID:** 16A0689-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:42 pm	01/22/2016

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: 2-Fluorophenol*	*70.9 %*		*20-108*							
4165-62-2	*Surrogate: Phenol-d5*	*75.1 %*		*23-114*							
4165-60-0	*Surrogate: Nitrobenzene-d5*	*66.4 %*		*22-108*							
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*63.6 %*		*21-113*							
118-79-6	*Surrogate: 2,4,6-Tribromophenol*	*58.4 %*		*19-110*							
1718-51-0	*Surrogate: Terphenyl-d14*	*74.1 %*		*24-116*							

Pesticides, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 21:41	AMC
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 21:41	AMC
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 21:41	AMC
309-00-2	Aldrin	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 21:41	AMC
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 21:41	AMC
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 21:41	AMC
57-74-9	Chlordane, total	ND		mg/kg dry	0.00769	0.00769	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 21:41	AMC
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 21:41	AMC
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 21:41	AMC
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 21:41	AMC
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 21:41	AMC
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 21:41	AMC
72-20-8	Endrin	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 21:41	AMC
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 21:41	AMC
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP	01/26/2016 21:41	AMC
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications:	01/26/2016 08:09 CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 21:41	AMC

Sample Information

Client Sample ID: GP-5 (13-15) **York Sample ID:** 16A0689-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:42 pm	01/22/2016

Pesticides, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:41	AMC
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:41	AMC
72-43-5	Methoxychlor	ND		mg/kg dry	0.00961	0.00961	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/26/2016 08:09	01/26/2016 21:41	AMC
8001-35-2	Toxaphene	ND		mg/kg dry	0.0973	0.0973	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:09	01/26/2016 21:41	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.2 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.0 %*	*30-140*

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 03:03	AMC
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 03:03	AMC
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 03:03	AMC
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 03:03	AMC
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 03:03	AMC
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 03:03	AMC
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	01/26/2016 08:09	01/27/2016 03:03	AMC
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	0.0194	1	EPA 8082A Certifications:	01/26/2016 08:09	01/27/2016 03:03	AMC

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.9 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12500**		mg/kg dry	5.83	5.83	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:09	ALD
7440-36-0	Antimony	ND		mg/kg dry	0.583	0.583	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:09	ALD

Sample Information

Client Sample ID: GP-5 (13-15) **York Sample ID:** 16A0689-16

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:42 pm	01/22/2016

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:09	ALD
7440-39-3	**Barium**	**59.7**		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:09	ALD
7440-41-7	Beryllium	ND		mg/kg dry	0.117	0.117	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:09	ALD
7440-43-9	Cadmium	ND		mg/kg dry	0.350	0.350	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:09	ALD
7440-70-2	**Calcium**	**793**		mg/kg dry	0.583	5.83	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:09	ALD
7440-47-3	**Chromium**	**24.2**		mg/kg dry	0.583	0.583	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:09	ALD
7440-48-4	**Cobalt**	**10.9**		mg/kg dry	0.583	0.583	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:09	ALD
7440-50-8	**Copper**	**20.4**		mg/kg dry	0.583	0.583	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:09	ALD
7439-89-6	**Iron**	**44800**		mg/kg dry	23.3	23.3	10	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/26/2016 10:13	ALD
7439-92-1	**Lead**	**7.57**	B	mg/kg dry	0.350	0.350	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:09	ALD
7439-95-4	**Magnesium**	**2660**		mg/kg dry	5.83	5.83	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:09	ALD
7439-96-5	**Manganese**	**199**		mg/kg dry	0.583	0.583	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:09	ALD
7440-02-0	**Nickel**	**17.5**		mg/kg dry	0.583	0.583	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:09	ALD
7440-09-7	**Potassium**	**1760**		mg/kg dry	5.83	5.83	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:09	ALD
7782-49-2	Selenium	ND		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:09	ALD
7440-22-4	Silver	ND		mg/kg dry	0.583	0.583	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	01/25/2016 13:33	01/25/2016 23:09	ALD
7440-23-5	**Sodium**	**101**		mg/kg dry	11.7	11.7	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:09	ALD
7440-28-0	Thallium	ND		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:09	ALD
7440-62-2	**Vanadium**	**37.1**		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:09	ALD
7440-66-6	**Zinc**	**44.8**		mg/kg dry	1.17	1.17	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/25/2016 13:33	01/25/2016 23:09	ALD

Mercury by 7473

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

Sample Information

Client Sample ID: **GP-5 (13-15)** **York Sample ID:** **16A0689-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Soil	January 22, 2016 3:42 pm	01/22/2016

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0350	0.0350	1	EPA 7473	01/26/2016 07:21	01/26/2016 17:17	KV
								Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.8**		%	0.100	0.100	1	SM 2540G	01/25/2016 11:15	01/25/2016 16:31	CLS
								Certifications: CTDOH			

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **16A0689-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Water	January 22, 2016 4:00 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/26/2016 08:18	01/26/2016 13:34	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/26/2016 08:18	01/26/2016 13:34	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/26/2016 08:18	01/26/2016 13:34	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	01/26/2016 08:18	01/26/2016 13:34	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/26/2016 08:18	01/26/2016 13:34	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/26/2016 08:18	01/26/2016 13:34	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/26/2016 08:18	01/26/2016 13:34	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/26/2016 08:18	01/26/2016 13:34	SS
								Certifications: NELAC-NY10854,NJDEP			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	01/26/2016 08:18	01/26/2016 13:34	SS
								Certifications: NELAC-NY10854,NJDEP			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/26/2016 08:18	01/26/2016 13:34	SS
								Certifications: NELAC-NY10854,NJDEP			
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	01/26/2016 08:18	01/26/2016 13:34	SS
								Certifications: CTDOH,NELAC-NY10854,NJDEP			

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **16A0689-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Water	January 22, 2016 4:00 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
67-64-1	**Acetone**	**4.2**	SCAL-E	ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
107-02-8	Acrolein	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **16A0689-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Water	January 22, 2016 4:00 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	01/26/2016 08:18	01/26/2016 13:34	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	01/26/2016 08:18	01/26/2016 13:34	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **16A0689-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0689	160020	Water	January 22, 2016 4:00 pm	01/22/2016

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	01/26/2016 08:18	01/26/2016 13:34	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.9 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*97.1 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*109 %*	*79-122*

Analytical Batch Summary

Batch ID: BA60833 **Preparation Method:** EPA 3550C **Prepared By:** KNN

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-01	GP-4 (0-3)	01/22/16
16A0628-01	GP-4 (0-3)	01/22/16
16A0628-02	GP-4 (13-15)	01/22/16
16A0628-02	GP-4 (13-15)	01/22/16
BA60833-BLK1	Blank	01/22/16
BA60833-BLK2	Blank	01/22/16
BA60833-BS1	LCS	01/22/16
BA60833-BS2	LCS	01/22/16
BA60833-BSD1	LCS Dup	01/22/16

Batch ID: BA60852 **Preparation Method:** % Solids Prep **Prepared By:** CLS

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-01	GP-4 (0-3)	01/22/16
16A0628-02	GP-4 (13-15)	01/22/16

Batch ID: BA60857 **Preparation Method:** EPA 3050B **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-01	GP-4 (0-3)	01/22/16
16A0628-02	GP-4 (13-15)	01/22/16
BA60857-BLK1	Blank	01/22/16
BA60857-SRM1	Reference	01/22/16

Batch ID: BA60863 **Preparation Method:** EPA 3550C **Prepared By:** MGL

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-01	GP-4 (0-3)	01/22/16
16A0628-02	GP-4 (13-15)	01/22/16
BA60863-BLK1	Blank	01/22/16
BA60863-BS1	LCS	01/22/16
BA60863-BSD1	LCS Dup	01/22/16

Batch ID: BA60893 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-01	GP-4 (0-3)	01/25/16
16A0628-02	GP-4 (13-15)	01/25/16
BA60893-BLK1	Blank	01/25/16
BA60893-SRM1	Reference	01/25/16

Batch ID: BA60913 **Preparation Method:** % Solids Prep **Prepared By:** CLS

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-06	GP-6 (0-3)	01/25/16
16A0689-07	GP-6 (13-15)	01/25/16
16A0689-09	GP-7 (0-3)	01/25/16
16A0689-10	GP-7 (4-6)	01/25/16
16A0689-14	GP-5 (0-3)	01/25/16
16A0689-16	GP-5 (13-15)	01/25/16

Batch ID: BA60921 **Preparation Method:** EPA 3050B **Prepared By:** KV

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-06	GP-6 (0-3)	01/25/16
16A0689-07	GP-6 (13-15)	01/25/16
16A0689-09	GP-7 (0-3)	01/25/16
16A0689-10	GP-7 (4-6)	01/25/16
16A0689-14	GP-5 (0-3)	01/25/16
16A0689-16	GP-5 (13-15)	01/25/16
BA60921-BLK1	Blank	01/25/16
BA60921-DUP1	Duplicate	01/25/16
BA60921-MS1	Matrix Spike	01/25/16
BA60921-SRM1	Reference	01/25/16

Batch ID: BA60949 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-06	GP-6 (0-3)	01/26/16
16A0689-07	GP-6 (13-15)	01/26/16
16A0689-09	GP-7 (0-3)	01/26/16
16A0689-10	GP-7 (4-6)	01/26/16
16A0689-14	GP-5 (0-3)	01/26/16
16A0689-16	GP-5 (13-15)	01/26/16
BA60949-BLK1	Blank	01/26/16
BA60949-SRM1	Reference	01/26/16

Batch ID: BA60953 **Preparation Method:** EPA 3550C **Prepared By:** KNN

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-06	GP-6 (0-3)	01/26/16
16A0689-06	GP-6 (0-3)	01/26/16
16A0689-07	GP-6 (13-15)	01/26/16
16A0689-07	GP-6 (13-15)	01/26/16
16A0689-09	GP-7 (0-3)	01/26/16
16A0689-09	GP-7 (0-3)	01/26/16
16A0689-10	GP-7 (4-6)	01/26/16
16A0689-10	GP-7 (4-6)	01/26/16
16A0689-14	GP-5 (0-3)	01/26/16
16A0689-14	GP-5 (0-3)	01/26/16
16A0689-16	GP-5 (13-15)	01/26/16
16A0689-16	GP-5 (13-15)	01/26/16
BA60953-BLK1	Blank	01/26/16

BA60953-BLK2	Blank	01/26/16
BA60953-BS1	LCS	01/26/16
BA60953-BS2	LCS	01/26/16
BA60953-BSD1	LCS Dup	01/26/16
BA60953-BSD2	LCS Dup	01/26/16

Batch ID: BA60957 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-07	Trip Blank	01/26/16
BA60957-BLK1	Blank	01/26/16
BA60957-BS1	LCS	01/26/16
BA60957-BSD1	LCS Dup	01/26/16

Batch ID: BA60958 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-18	Trip Blank	01/26/16
BA60958-BLK1	Blank	01/26/16
BA60958-BS1	LCS	01/26/16
BA60958-BSD1	LCS Dup	01/26/16

Batch ID: BA61015 **Preparation Method:** EPA 3550C **Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-06	GP-6 (0-3)	01/27/16
16A0689-07	GP-6 (13-15)	01/27/16
16A0689-09	GP-7 (0-3)	01/27/16
16A0689-10	GP-7 (4-6)	01/27/16
16A0689-16	GP-5 (13-15)	01/27/16
BA61015-BLK1	Blank	01/27/16
BA61015-BS1	LCS	01/27/16
BA61015-BSD1	LCS Dup	01/27/16

Batch ID: BA61075 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16A0628-01	GP-4 (0-3)	01/28/16
16A0628-02	GP-4 (13-15)	01/28/16
BA61075-BLK1	Blank	01/28/16
BA61075-BS1	LCS	01/28/16
BA61075-BSD1	LCS Dup	01/28/16

Batch ID: BA61111 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-06	GP-6 (0-3)	01/28/16
16A0689-07	GP-6 (13-15)	01/28/16

16A0689-09	GP-7 (0-3)	01/28/16
16A0689-10	GP-7 (4-6)	01/28/16
16A0689-14	GP-5 (0-3)	01/28/16
16A0689-16	GP-5 (13-15)	01/28/16
BA61111-BLK1	Blank	01/28/16
BA61111-BS1	LCS	01/28/16
BA61111-BSD1	LCS Dup	01/28/16

Batch ID: BA61130 **Preparation Method:** EPA 3550C **Prepared By:** TB

YORK Sample ID	Client Sample ID	Preparation Date
16A0689-14	GP-5 (0-3)	01/29/16
BA61130-BLK1	Blank	01/29/16
BA61130-BS1	LCS	01/29/16
BA61130-BSD1	LCS Dup	01/29/16

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 BA60957 - EPA 5030B											
Blank (BA60957-BLK1)								Prepared & Analyzed: 01/26/2016			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	160	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	2.0	"								
2-Hexanone	ND	2.0	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	2.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60957 - EPA 5030B											
Blank (BA60957-BLK1)								Prepared & Analyzed: 01/26/2016			
n-Propylbenzene	ND	0.50	ug/L								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	2.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.27*		*"*	*10.0*		*92.7*	*69-130*				
Surrogate: Toluene-d8	*9.84*		*"*	*10.0*		*98.4*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				
LCS (BA60957-BS1)								Prepared & Analyzed: 01/26/2016			
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		110	82-126				
1,1,1-Trichloroethane	13		"	10.0		127	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		102	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		122	54-165				
1,1,2-Trichloroethane	10		"	10.0		101	82-123				
1,1-Dichloroethane	13		"	10.0		125	82-129				
1,1-Dichloroethylene	13		"	10.0		135	68-138				
1,2,3-Trichlorobenzene	8.4		"	10.0		83.8	76-136				
1,2,3-Trichloropropane	10		"	10.0		104	77-128				
1,2,4-Trichlorobenzene	10		"	10.0		103	76-137				
1,2,4-Trimethylbenzene	12		"	10.0		120	82-132				
1,2-Dibromo-3-chloropropane	8.9		"	10.0		88.8	45-147				
1,2-Dibromoethane	9.8		"	10.0		98.1	83-124				
1,2-Dichlorobenzene	11		"	10.0		109	79-123				
1,2-Dichloroethane	11		"	10.0		107	73-132				
1,2-Dichloropropane	10		"	10.0		104	78-126				
1,3,5-Trimethylbenzene	12		"	10.0		121	80-131				
1,3-Dichlorobenzene	12		"	10.0		116	86-122				
1,4-Dichlorobenzene	11		"	10.0		110	85-124				
1,4-Dioxane	400		"	200		199	10-349				
2-Butanone	8.8		"	10.0		87.5	49-152				
2-Hexanone	7.9		"	10.0		79.3	51-146				
4-Methyl-2-pentanone	5.4		"	10.0		54.4	57-145	Low Bias			
Acetone	7.9		"	10.0		79.4	14-150				
Acrolein	12		"	10.0		124	10-153				
Acrylonitrile	8.7		"	10.0		87.4	51-150				
Benzene	12		"	10.0		125	85-126				
Bromochloromethane	12		"	10.0		120	77-128				
Bromodichloromethane	10		"	10.0		104	79-128				
Bromoform	10		"	10.0		104	78-133				
Bromomethane	8.8		"	10.0		88.0	43-168				

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 BA60957 - EPA 5030B											
LCS (BA60957-BS1)							Prepared & Analyzed: 01/26/2016				
Carbon disulfide	14		ug/L	10.0		140	68-146				
Carbon tetrachloride	13		"	10.0		129	77-141				
Chlorobenzene	11		"	10.0		111	88-120				
Chloroethane	12		"	10.0		123	65-136				
Chloroform	12		"	10.0		122	82-128				
Chloromethane	12		"	10.0		115	43-155				
cis-1,2-Dichloroethylene	13		"	10.0		127	83-129				
cis-1,3-Dichloropropylene	11		"	10.0		112	80-131				
Cyclohexane	12		"	10.0		115	63-149				
Dibromochloromethane	11		"	10.0		106	80-130				
Dibromomethane	10		"	10.0		102	72-134				
Dichlorodifluoromethane	13		"	10.0		130	44-144				
Ethyl Benzene	11		"	10.0		115	80-131				
Hexachlorobutadiene	11		"	10.0		110	67-146				
Isopropylbenzene	12		"	10.0		118	76-140				
Methyl acetate	11		"	10.0		110	51-139				
Methyl tert-butyl ether (MTBE)	11		"	10.0		112	76-135				
Methylcyclohexane	11		"	10.0		107	72-143				
Methylene chloride	11		"	10.0		113	55-137				
n-Butylbenzene	12		"	10.0		122	79-132				
n-Propylbenzene	12		"	10.0		119	78-133				
o-Xylene	11		"	10.0		111	78-130				
p- & m- Xylenes	23		"	20.0		116	77-133				
p-Isopropyltoluene	12		"	10.0		121	81-136				
sec-Butylbenzene	12		"	10.0		116	79-137				
Styrene	12		"	10.0		123	67-132				
tert-Butyl alcohol (TBA)	11		"	10.0		106	25-162				
tert-Butylbenzene	12		"	10.0		117	77-138				
Tetrachloroethylene	11		"	10.0		115	82-131				
Toluene	11		"	10.0		115	80-127				
trans-1,2-Dichloroethylene	12		"	10.0		124	80-132				
trans-1,3-Dichloropropylene	11		"	10.0		109	78-131				
Trichloroethylene	11		"	10.0		110	82-128				
Trichlorofluoromethane	13		"	10.0		131	67-139				
Vinyl Chloride	13		"	10.0		126	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.45*		*"*	*10.0*		*94.5*	*69-130*				
Surrogate: Toluene-d8	*9.61*		*"*	*10.0*		*96.1*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.3*		*"*	*10.0*		*103*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60957 - EPA 5030B											
LCS Dup (BA60957-BSD1)							Prepared & Analyzed: 01/26/2016				
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		108	82-126		1.83	30	
1,1,1-Trichloroethane	12		"	10.0		125	78-136		1.74	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		101	76-129		0.493	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		121	54-165		0.908	30	
1,1,2-Trichloroethane	10		"	10.0		101	82-123		0.199	30	
1,1-Dichloroethane	13		"	10.0		126	82-129		0.637	30	
1,1-Dichloroethylene	13		"	10.0		133	68-138		1.49	30	
1,2,3-Trichlorobenzene	9.4		"	10.0		93.7	76-136		11.2	30	
1,2,3-Trichloropropane	10		"	10.0		105	77-128		0.478	30	
1,2,4-Trichlorobenzene	10		"	10.0		102	76-137		1.17	30	
1,2,4-Trimethylbenzene	11		"	10.0		115	82-132		4.26	30	
1,2-Dibromo-3-chloropropane	9.2		"	10.0		92.0	45-147		3.54	30	
1,2-Dibromoethane	10		"	10.0		102	83-124		3.60	30	
1,2-Dichlorobenzene	10		"	10.0		105	79-123		4.11	30	
1,2-Dichloroethane	11		"	10.0		110	73-132		3.23	30	
1,2-Dichloropropane	10		"	10.0		104	78-126		0.00	30	
1,3,5-Trimethylbenzene	12		"	10.0		116	80-131		3.97	30	
1,3-Dichlorobenzene	11		"	10.0		111	86-122		4.05	30	
1,4-Dichlorobenzene	11		"	10.0		105	85-124		4.63	30	
1,4-Dioxane	450		"	200		223	10-349		11.7	30	
2-Butanone	11		"	10.0		115	49-152		26.9	30	
2-Hexanone	8.8		"	10.0		88.1	51-146		10.5	30	
4-Methyl-2-pentanone	5.7		"	10.0		57.1	57-145		4.84	30	
Acetone	8.6		"	10.0		86.4	14-150		8.44	30	
Acrolein	14		"	10.0		135	10-153		8.95	30	
Acrylonitrile	9.7		"	10.0		96.6	51-150		10.0	30	
Benzene	12		"	10.0		124	85-126		0.241	30	
Bromochloromethane	12		"	10.0		117	77-128		2.45	30	
Bromodichloromethane	10		"	10.0		105	79-128		0.958	30	
Bromoform	10		"	10.0		102	78-133		0.971	30	
Bromomethane	8.5		"	10.0		84.7	43-168		3.82	30	
Carbon disulfide	14		"	10.0		138	68-146		1.01	30	
Carbon tetrachloride	13		"	10.0		128	77-141		1.09	30	
Chlorobenzene	11		"	10.0		110	88-120		0.907	30	
Chloroethane	12		"	10.0		122	65-136		0.814	30	
Chloroform	12		"	10.0		122	82-128		0.00	30	
Chloromethane	11		"	10.0		112	43-155		2.55	30	
cis-1,2-Dichloroethylene	13		"	10.0		126	83-129		0.788	30	
cis-1,3-Dichloropropylene	11		"	10.0		112	80-131		0.715	30	
Cyclohexane	11		"	10.0		113	63-149		1.84	30	
Dibromochloromethane	11		"	10.0		107	80-130		1.32	30	
Dibromomethane	11		"	10.0		105	72-134		3.67	30	
Dichlorodifluoromethane	12		"	10.0		124	44-144		4.56	30	
Ethyl Benzene	11		"	10.0		114	80-131		0.524	30	
Hexachlorobutadiene	11		"	10.0		107	67-146		2.94	30	
Isopropylbenzene	11		"	10.0		115	76-140		2.58	30	
Methyl acetate	11		"	10.0		113	51-139		2.60	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		115	76-135		2.38	30	
Methylcyclohexane	11		"	10.0		105	72-143		1.42	30	
Methylene chloride	11		"	10.0		113	55-137		0.00	30	
n-Butylbenzene	12		"	10.0		119	79-132		2.99	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60957 - EPA 5030B											
LCS Dup (BA60957-BSD1)								Prepared & Analyzed: 01/26/2016			
n-Propylbenzene	11		ug/L	10.0		115	78-133		3.34	30	
o-Xylene	11		"	10.0		110	78-130		1.18	30	
p- & m- Xylenes	23		"	20.0		114	77-133		1.86	30	
p-Isopropyltoluene	12		"	10.0		118	81-136		3.18	30	
sec-Butylbenzene	11		"	10.0		112	79-137		3.61	30	
Styrene	12		"	10.0		122	67-132		0.981	30	
tert-Butyl alcohol (TBA)	10		"	10.0		104	25-162		2.20	30	
tert-Butylbenzene	11		"	10.0		112	77-138		4.01	30	
Tetrachloroethylene	11		"	10.0		114	82-131		0.701	30	
Toluene	11		"	10.0		113	80-127		1.14	30	
trans-1,2-Dichloroethylene	12		"	10.0		124	80-132		0.243	30	
trans-1,3-Dichloropropylene	11		"	10.0		110	78-131		1.46	30	
Trichloroethylene	11		"	10.0		110	82-128		0.727	30	
Trichlorofluoromethane	13		"	10.0		126	67-139		3.80	30	
Vinyl Chloride	12		"	10.0		123	58-145		2.73	30	
Surrogate: 1,2-Dichloroethane-d4	*9.57*		*"*	*10.0*		*95.7*	*69-130*				
Surrogate: Toluene-d8	*9.58*		*"*	*10.0*		*95.8*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.93*		*"*	*10.0*		*99.3*	*79-122*				
Batch BA60958 - EPA 5030B											
Blank (BA60958-BLK1)								Prepared & Analyzed: 01/26/2016			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	80	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	2.0	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60958 - EPA 5030B											
Blank (BA60958-BLK1)								Prepared & Analyzed: 01/26/2016			
Bromomethane	ND	0.50	ug/L								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	0.39	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.76*		*"*	*10.0*		*97.6*	*69-130*				
Surrogate: Toluene-d8	*9.74*		*"*	*10.0*		*97.4*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60958 - EPA 5030B											
LCS (BA60958-BS1)							Prepared & Analyzed: 01/26/2016				
1,1,1,2-Tetrachloroethane	10		ug/L	10.0		104	82-126				
1,1,1-Trichloroethane	12		"	10.0		122	78-136				
1,1,2,2-Tetrachloroethane	10		"	10.0		103	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		117	54-165				
1,1,2-Trichloroethane	10		"	10.0		102	82-123				
1,1-Dichloroethane	12		"	10.0		120	82-129				
1,1-Dichloroethylene	13		"	10.0		126	68-138				
1,2,3-Trichlorobenzene	9.7		"	10.0		96.6	76-136				
1,2,3-Trichloropropane	10		"	10.0		105	77-128				
1,2,4-Trichlorobenzene	10		"	10.0		101	76-137				
1,2,4-Trimethylbenzene	12		"	10.0		118	82-132				
1,2-Dibromo-3-chloropropane	9.8		"	10.0		97.5	45-147				
1,2-Dibromoethane	10		"	10.0		101	83-124				
1,2-Dichlorobenzene	11		"	10.0		109	79-123				
1,2-Dichloroethane	11		"	10.0		108	73-132				
1,2-Dichloropropane	10		"	10.0		103	78-126				
1,3,5-Trimethylbenzene	12		"	10.0		120	80-131				
1,3-Dichlorobenzene	11		"	10.0		114	86-122				
1,4-Dichlorobenzene	11		"	10.0		113	85-124				
1,4-Dioxane	230		"	200		113	10-349				
2-Butanone	10		"	10.0		105	49-152				
2-Hexanone	9.1		"	10.0		91.0	51-146				
4-Methyl-2-pentanone	5.5		"	10.0		55.4	57-145	Low Bias			
Acetone	8.5		"	10.0		84.6	14-150				
Acrolein	10		"	10.0		102	10-153				
Acrylonitrile	8.8		"	10.0		87.9	51-150				
Benzene	12		"	10.0		119	85-126				
Bromochloromethane	11		"	10.0		114	77-128				
Bromodichloromethane	11		"	10.0		107	79-128				
Bromoform	9.1		"	10.0		90.8	78-133				
Bromomethane	10		"	10.0		104	43-168				
Carbon disulfide	13		"	10.0		132	68-146				
Carbon tetrachloride	12		"	10.0		121	77-141				
Chlorobenzene	10		"	10.0		104	88-120				
Chloroethane	11		"	10.0		114	65-136				
Chloroform	12		"	10.0		119	82-128				
Chloromethane	10		"	10.0		99.5	43-155				
cis-1,2-Dichloroethylene	12		"	10.0		116	83-129				
cis-1,3-Dichloropropylene	11		"	10.0		106	80-131				
Cyclohexane	11		"	10.0		108	63-149				
Dibromochloromethane	10		"	10.0		104	80-130				
Dibromomethane	10		"	10.0		104	72-134				
Dichlorodifluoromethane	13		"	10.0		128	44-144				
Ethyl Benzene	11		"	10.0		111	80-131				
Hexachlorobutadiene	9.5		"	10.0		94.8	67-146				
Isopropylbenzene	12		"	10.0		118	76-140				
Methyl acetate	9.9		"	10.0		98.7	51-139				
Methyl tert-butyl ether (MTBE)	11		"	10.0		112	76-135				
Methylcyclohexane	10		"	10.0		104	72-143				
Methylene chloride	11		"	10.0		109	55-137				
n-Butylbenzene	12		"	10.0		119	79-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60958 - EPA 5030B											
LCS (BA60958-BS1)							Prepared & Analyzed: 01/26/2016				
n-Propylbenzene	12		ug/L	10.0		119	78-133				
o-Xylene	11		"	10.0		107	78-130				
p- & m- Xylenes	22		"	20.0		111	77-133				
p-Isopropyltoluene	12		"	10.0		117	81-136				
sec-Butylbenzene	12		"	10.0		118	79-137				
Styrene	12		"	10.0		118	67-132				
tert-Butyl alcohol (TBA)	10		"	10.0		102	25-162				
tert-Butylbenzene	12		"	10.0		117	77-138				
Tetrachloroethylene	11		"	10.0		112	82-131				
Toluene	11		"	10.0		111	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		115	80-132				
trans-1,3-Dichloropropylene	10		"	10.0		104	78-131				
Trichloroethylene	11		"	10.0		110	82-128				
Trichlorofluoromethane	12		"	10.0		118	67-139				
Vinyl Chloride	11		"	10.0		113	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.35*		*"*	*10.0*		*93.5*	*69-130*				
Surrogate: Toluene-d8	*9.51*		*"*	*10.0*		*95.1*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				
LCS Dup (BA60958-BSD1)							Prepared & Analyzed: 01/26/2016				
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		110	82-126		5.43	30	
1,1,1-Trichloroethane	12		"	10.0		121	78-136		0.903	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		101	76-129		1.87	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		111	54-165		4.92	30	
1,1,2-Trichloroethane	11		"	10.0		107	82-123		4.70	30	
1,1-Dichloroethane	12		"	10.0		122	82-129		1.91	30	
1,1-Dichloroethylene	13		"	10.0		127	68-138		0.946	30	
1,2,3-Trichlorobenzene	10		"	10.0		102	76-136		5.54	30	
1,2,3-Trichloropropane	10		"	10.0		105	77-128		0.00	30	
1,2,4-Trichlorobenzene	10		"	10.0		105	76-137		3.20	30	
1,2,4-Trimethylbenzene	11		"	10.0		114	82-132		3.54	30	
1,2-Dibromo-3-chloropropane	10		"	10.0		101	45-147		3.82	30	
1,2-Dibromoethane	11		"	10.0		106	83-124		5.00	30	
1,2-Dichlorobenzene	11		"	10.0		107	79-123		1.39	30	
1,2-Dichloroethane	11		"	10.0		115	73-132		5.91	30	
1,2-Dichloropropane	11		"	10.0		106	78-126		2.97	30	
1,3,5-Trimethylbenzene	11		"	10.0		114	80-131		4.69	30	
1,3-Dichlorobenzene	11		"	10.0		111	86-122		2.59	30	
1,4-Dichlorobenzene	11		"	10.0		109	85-124		3.33	30	
1,4-Dioxane	240		"	200		119	10-349		4.71	30	
2-Butanone	12		"	10.0		125	49-152		17.2	30	
2-Hexanone	10		"	10.0		99.6	51-146		9.02	30	
4-Methyl-2-pentanone	5.9		"	10.0		58.7	57-145		5.78	30	
Acetone	8.6		"	10.0		86.0	14-150		1.64	30	
Acrolein	9.9		"	10.0		98.6	10-153		3.00	30	
Acrylonitrile	11		"	10.0		114	51-150		25.5	30	
Benzene	12		"	10.0		121	85-126		1.75	30	
Bromochloromethane	13		"	10.0		125	77-128		9.10	30	
Bromodichloromethane	11		"	10.0		111	79-128		3.48	30	
Bromoform	9.9		"	10.0		98.9	78-133		8.54	30	
Bromomethane	9.9		"	10.0		99.1	43-168		4.63	30	
Carbon disulfide	13		"	10.0		130	68-146		1.60	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60958 - EPA 5030B											
LCS Dup (BA60958-BSD1)							Prepared & Analyzed: 01/26/2016				
Carbon tetrachloride	12		ug/L	10.0		122	77-141		0.990	30	
Chlorobenzene	11		"	10.0		109	88-120		4.87	30	
Chloroethane	11		"	10.0		114	65-136		0.351	30	
Chloroform	12		"	10.0		125	82-128		4.43	30	
Chloromethane	10		"	10.0		104	43-155		4.52	30	
cis-1,2-Dichloroethylene	13		"	10.0		125	83-129		7.29	30	
cis-1,3-Dichloropropylene	11		"	10.0		111	80-131		4.52	30	
Cyclohexane	11		"	10.0		106	63-149		2.25	30	
Dibromochloromethane	11		"	10.0		112	80-130		7.89	30	
Dibromomethane	11		"	10.0		108	72-134		3.77	30	
Dichlorodifluoromethane	12		"	10.0		122	44-144		4.71	30	
Ethyl Benzene	11		"	10.0		112	80-131		0.895	30	
Hexachlorobutadiene	9.3		"	10.0		92.9	67-146		2.02	30	
Isopropylbenzene	11		"	10.0		111	76-140		5.95	30	
Methyl acetate	10		"	10.0		102	51-139		3.19	30	
Methyl tert-butyl ether (MTBE)	12		"	10.0		119	76-135		5.87	30	
Methylcyclohexane	10		"	10.0		102	72-143		2.04	30	
Methylene chloride	11		"	10.0		113	55-137		3.51	30	
n-Butylbenzene	11		"	10.0		113	79-132		5.77	30	
n-Propylbenzene	11		"	10.0		111	78-133		6.69	30	
o-Xylene	11		"	10.0		109	78-130		1.67	30	
p- & m- Xylenes	22		"	20.0		112	77-133		0.805	30	
p-Isopropyltoluene	11		"	10.0		113	81-136		4.09	30	
sec-Butylbenzene	11		"	10.0		111	79-137		5.94	30	
Styrene	12		"	10.0		122	67-132		3.66	30	
tert-Butyl alcohol (TBA)	10		"	10.0		104	25-162		2.32	30	
tert-Butylbenzene	11		"	10.0		112	77-138		4.90	30	
Tetrachloroethylene	11		"	10.0		109	82-131		2.62	30	
Toluene	11		"	10.0		112	80-127		0.538	30	
trans-1,2-Dichloroethylene	12		"	10.0		118	80-132		2.58	30	
trans-1,3-Dichloropropylene	11		"	10.0		110	78-131		6.26	30	
Trichloroethylene	11		"	10.0		109	82-128		0.456	30	
Trichlorofluoromethane	11		"	10.0		114	67-139		3.87	30	
Vinyl Chloride	11		"	10.0		111	58-145		1.52	30	
Surrogate: 1,2-Dichloroethane-d4	*9.72*		*"*	*10.0*		*97.2*	*69-130*				
Surrogate: Toluene-d8	*9.74*		*"*	*10.0*		*97.4*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61075 - EPA 5035A											
Blank (BA61075-BLK1)								Prepared & Analyzed: 01/28/2016			
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	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61075 - EPA 5035A											
Blank (BA61075-BLK1)								Prepared & Analyzed: 01/28/2016			
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.010	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*50.7*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: Toluene-d8	*48.7*		*"*	*50.0*		*97.4*	*85-120*				
Surrogate: p-Bromofluorobenzene	*44.3*		*"*	*50.0*		*88.6*	*76-130*				
LCS (BA61075-BS1)								Prepared & Analyzed: 01/28/2016			
1,1,1,2-Tetrachloroethane	59		ug/L	50.0		117	75-129				
1,1,1-Trichloroethane	60		"	50.0		120	71-137				
1,1,2,2-Tetrachloroethane	62		"	50.0		124	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		113	58-146				
1,1,2-Trichloroethane	60		"	50.0		120	83-123				
1,1-Dichloroethane	61		"	50.0		121	75-130				
1,1-Dichloroethylene	59		"	50.0		117	64-137				
1,2,3-Trichlorobenzene	59		"	50.0		117	81-140				
1,2,3-Trichloropropane	59		"	50.0		118	81-126				
1,2,4-Trichlorobenzene	57		"	50.0		113	80-141				
1,2,4-Trimethylbenzene	55		"	50.0		111	84-125				
1,2-Dibromo-3-chloropropane	61		"	50.0		123	74-142				
1,2-Dibromoethane	61		"	50.0		123	86-123				
1,2-Dichlorobenzene	58		"	50.0		115	85-122				
1,2-Dichloroethane	61		"	50.0		122	71-133				
1,2-Dichloropropane	58		"	50.0		116	81-122				
1,3,5-Trimethylbenzene	56		"	50.0		112	82-126				
1,3-Dichlorobenzene	57		"	50.0		114	84-124				
1,4-Dichlorobenzene	57		"	50.0		113	84-124				
1,4-Dioxane	1400		"	1000		136	10-228				
2-Butanone	66		"	50.0		132	58-147				
2-Hexanone	64		"	50.0		129	70-139				
4-Methyl-2-pentanone	90		"	50.0		179	72-132	High Bias			
Acetone	64		"	50.0		128	36-155				
Acrolein	64		"	50.0		127	10-238				
Acrylonitrile	71		"	50.0		143	66-141	High Bias			
Benzene	62		"	50.0		124	77-127				
Bromochloromethane	62		"	50.0		124	74-129				
Bromodichloromethane	60		"	50.0		119	81-124				
Bromoform	63		"	50.0		126	80-136				
Bromomethane	45		"	50.0		89.3	32-177				

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 BA61075 - EPA 5035A											
LCS (BA61075-BS1)							Prepared & Analyzed: 01/28/2016				
Carbon disulfide	59		ug/L	50.0		118	10-136				
Carbon tetrachloride	59		"	50.0		119	66-143				
Chlorobenzene	59		"	50.0		117	86-120				
Chloroethane	55		"	50.0		110	51-142				
Chloroform	61		"	50.0		122	76-131				
Chloromethane	54		"	50.0		109	49-132				
cis-1,2-Dichloroethylene	62		"	50.0		125	74-132				
cis-1,3-Dichloropropylene	59		"	50.0		118	81-129				
Cyclohexane	56		"	50.0		113	70-130				
Dibromochloromethane	61		"	50.0		122	10-200				
Dibromomethane	60		"	50.0		119	83-124				
Dichlorodifluoromethane	54		"	50.0		108	28-158				
Ethyl Benzene	57		"	50.0		113	84-125				
Hexachlorobutadiene	55		"	50.0		111	83-133				
Isopropylbenzene	55		"	50.0		110	81-127				
Methyl acetate	67		"	50.0		134	41-143				
Methyl tert-butyl ether (MTBE)	61		"	50.0		122	74-131				
Methylcyclohexane	55		"	50.0		111	70-130				
Methylene chloride	56		"	50.0		113	57-141				
n-Butylbenzene	55		"	50.0		110	80-130				
n-Propylbenzene	56		"	50.0		111	74-136				
o-Xylene	56		"	50.0		112	83-123				
p- & m- Xylenes	110		"	100		108	82-128				
p-Isopropyltoluene	55		"	50.0		110	85-125				
sec-Butylbenzene	56		"	50.0		112	83-125				
Styrene	57		"	50.0		115	86-126				
tert-Butyl alcohol (TBA)	68		"	50.0		137	70-130	High Bias			
tert-Butylbenzene	56		"	50.0		112	80-127				
Tetrachloroethylene	57		"	50.0		113	80-129				
Toluene	58		"	50.0		115	85-121				
trans-1,2-Dichloroethylene	60		"	50.0		119	72-132				
trans-1,3-Dichloropropylene	60		"	50.0		120	78-132				
Trichloroethylene	57		"	50.0		115	84-123				
Trichlorofluoromethane	57		"	50.0		114	62-140				
Vinyl Chloride	57		"	50.0		115	52-130				
Surrogate: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.4*	*77-125*				
Surrogate: Toluene-d8	*48.0*		*"*	*50.0*		*96.1*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.3*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61075 - EPA 5035A											
LCS Dup (BA61075-BSD1)								Prepared & Analyzed: 01/28/2016			
1,1,1,2-Tetrachloroethane	59		ug/L	50.0		119	75-129		1.07	30	
1,1,1-Trichloroethane	60		"	50.0		120	71-137		0.0334	30	
1,1,2,2-Tetrachloroethane	60		"	50.0		120	79-129		3.65	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55		"	50.0		110	58-146		2.28	30	
1,1,2-Trichloroethane	60		"	50.0		120	83-123		0.0166	30	
1,1-Dichloroethane	61		"	50.0		122	75-130		0.509	30	
1,1-Dichloroethylene	56		"	50.0		112	64-137		5.03	30	
1,2,3-Trichlorobenzene	60		"	50.0		120	81-140		1.70	30	
1,2,3-Trichloropropane	58		"	50.0		116	81-126		1.66	30	
1,2,4-Trichlorobenzene	57		"	50.0		115	80-141		1.28	30	
1,2,4-Trimethylbenzene	57		"	50.0		113	84-125		2.38	30	
1,2-Dibromo-3-chloropropane	66		"	50.0		132	74-142		7.34	30	
1,2-Dibromoethane	60		"	50.0		119	86-123		2.63	30	
1,2-Dichlorobenzene	58		"	50.0		116	85-122		0.589	30	
1,2-Dichloroethane	60		"	50.0		120	71-133		1.19	30	
1,2-Dichloropropane	56		"	50.0		113	81-122		3.42	30	
1,3,5-Trimethylbenzene	54		"	50.0		109	82-126		2.85	30	
1,3-Dichlorobenzene	56		"	50.0		112	84-124		1.93	30	
1,4-Dichlorobenzene	57		"	50.0		114	84-124		0.406	30	
1,4-Dioxane	1200		"	1000		125	10-228		8.44	30	
2-Butanone	57		"	50.0		114	58-147		14.8	30	
2-Hexanone	59		"	50.0		118	70-139		8.81	30	
4-Methyl-2-pentanone	82		"	50.0		164	72-132	High Bias	8.95	30	
Acetone	51		"	50.0		102	36-155		22.8	30	
Acrolein	60		"	50.0		120	10-238		6.19	30	
Acrylonitrile	67		"	50.0		134	66-141		6.00	30	
Benzene	60		"	50.0		119	77-127		3.61	30	
Bromochloromethane	62		"	50.0		125	74-129		0.933	30	
Bromodichloromethane	58		"	50.0		116	81-124		2.94	30	
Bromoform	61		"	50.0		123	80-136		2.51	30	
Bromomethane	47		"	50.0		93.8	32-177		4.85	30	
Carbon disulfide	56		"	50.0		113	10-136		4.34	30	
Carbon tetrachloride	59		"	50.0		117	66-143		1.15	30	
Chlorobenzene	59		"	50.0		118	86-120		0.562	30	
Chloroethane	51		"	50.0		103	51-142		6.14	30	
Chloroform	60		"	50.0		121	76-131		1.07	30	
Chloromethane	55		"	50.0		109	49-132		0.459	30	
cis-1,2-Dichloroethylene	61		"	50.0		122	74-132		2.53	30	
cis-1,3-Dichloropropylene	60		"	50.0		119	81-129		0.892	30	
Cyclohexane	53		"	50.0		106	70-130		6.06	30	
Dibromochloromethane	62		"	50.0		124	10-200		1.68	30	
Dibromomethane	58		"	50.0		117	83-124		2.07	30	
Dichlorodifluoromethane	55		"	50.0		110	28-158		1.28	30	
Ethyl Benzene	56		"	50.0		113	84-125		0.390	30	
Hexachlorobutadiene	57		"	50.0		113	83-133		2.27	30	
Isopropylbenzene	56		"	50.0		113	81-127		2.22	30	
Methyl acetate	60		"	50.0		119	41-143		11.1	30	
Methyl tert-butyl ether (MTBE)	59		"	50.0		119	74-131		3.00	30	
Methylcyclohexane	53		"	50.0		107	70-130		3.79	30	
Methylene chloride	53		"	50.0		107	57-141		5.43	30	
n-Butylbenzene	55		"	50.0		110	80-130		0.272	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61075 - EPA 5035A											
LCS Dup (BA61075-BSD1)							Prepared & Analyzed: 01/28/2016				
n-Propylbenzene	57		ug/L	50.0		114	74-136		2.10	30	
o-Xylene	56		"	50.0		112	83-123		0.285	30	
p- & m- Xylenes	110		"	100		108	82-128		0.148	30	
p-Isopropyltoluene	55		"	50.0		111	85-125		0.490	30	
sec-Butylbenzene	56		"	50.0		112	83-125		0.0179	30	
Styrene	56		"	50.0		112	86-126		2.23	30	
tert-Butyl alcohol (TBA)	60		"	50.0		121	70-130		12.2	30	
tert-Butylbenzene	56		"	50.0		111	80-127		1.25	30	
Tetrachloroethylene	56		"	50.0		112	80-129		0.850	30	
Toluene	57		"	50.0		114	85-121		1.08	30	
trans-1,2-Dichloroethylene	58		"	50.0		116	72-132		2.98	30	
trans-1,3-Dichloropropylene	60		"	50.0		120	78-132		0.0167	30	
Trichloroethylene	57		"	50.0		115	84-123		0.0174	30	
Trichlorofluoromethane	56		"	50.0		112	62-140		1.68	30	
Vinyl Chloride	54		"	50.0		108	52-130		5.69	30	
Surrogate: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.8*	*77-125*				
Surrogate: Toluene-d8	*48.0*		*"*	*50.0*		*95.9*	*85-120*				
Surrogate: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*76-130*				
Batch BA61111 - EPA 5035A											
Blank (BA61111-BLK1)							Prepared & Analyzed: 01/28/2016				
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	"								
1,2,3-Trichlorobenzene	0.0026	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								

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 BA61111 - EPA 5035A											
Blank (BA61111-BLK1)								Prepared & Analyzed: 01/28/2016			
Bromomethane	ND	0.0050	mg/kg wet								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.010	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: 1,2-Dichloroethane-d4	*54.1*		*ug/L*	*50.0*		*108*	*77-125*				
Surrogate: Toluene-d8	*49.1*		*"*	*50.0*		*98.3*	*85-120*				
Surrogate: p-Bromofluorobenzene	*42.7*		*"*	*50.0*		*85.3*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61111 - EPA 5035A											
LCS (BA61111-BS1)							Prepared & Analyzed: 01/28/2016				
1,1,1,2-Tetrachloroethane	57		ug/L	50.0		114	75-129				
1,1,1-Trichloroethane	57		"	50.0		114	71-137				
1,1,2,2-Tetrachloroethane	58		"	50.0		116	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		107	58-146				
1,1,2-Trichloroethane	56		"	50.0		112	83-123				
1,1-Dichloroethane	59		"	50.0		118	75-130				
1,1-Dichloroethylene	54		"	50.0		109	64-137				
1,2,3-Trichlorobenzene	56		"	50.0		112	81-140				
1,2,3-Trichloropropane	56		"	50.0		111	81-126				
1,2,4-Trichlorobenzene	52		"	50.0		104	80-141				
1,2,4-Trimethylbenzene	52		"	50.0		104	84-125				
1,2-Dibromo-3-chloropropane	63		"	50.0		125	74-142				
1,2-Dibromoethane	59		"	50.0		117	86-123				
1,2-Dichlorobenzene	55		"	50.0		109	85-122				
1,2-Dichloroethane	61		"	50.0		123	71-133				
1,2-Dichloropropane	54		"	50.0		107	81-122				
1,3,5-Trimethylbenzene	52		"	50.0		105	82-126				
1,3-Dichlorobenzene	53		"	50.0		105	84-124				
1,4-Dichlorobenzene	52		"	50.0		105	84-124				
1,4-Dioxane	1400		"	1000		141	10-228				
2-Butanone	59		"	50.0		118	58-147				
2-Hexanone	59		"	50.0		118	70-139				
4-Methyl-2-pentanone	59		"	50.0		117	72-132				
Acetone	47		"	50.0		93.7	36-155				
Acrolein	60		"	50.0		120	10-238				
Acrylonitrile	70		"	50.0		139	66-141				
Benzene	58		"	50.0		116	77-127				
Bromochloromethane	59		"	50.0		119	74-129				
Bromodichloromethane	56		"	50.0		112	81-124				
Bromoform	60		"	50.0		120	80-136				
Bromomethane	46		"	50.0		92.5	32-177				
Carbon disulfide	54		"	50.0		109	10-136				
Carbon tetrachloride	56		"	50.0		113	66-143				
Chlorobenzene	54		"	50.0		109	86-120				
Chloroethane	51		"	50.0		102	51-142				
Chloroform	60		"	50.0		120	76-131				
Chloromethane	50		"	50.0		101	49-132				
cis-1,2-Dichloroethylene	61		"	50.0		123	74-132				
cis-1,3-Dichloropropylene	56		"	50.0		112	81-129				
Cyclohexane	54		"	50.0		109	70-130				
Dibromochloromethane	58		"	50.0		115	10-200				
Dibromomethane	56		"	50.0		112	83-124				
Dichlorodifluoromethane	49		"	50.0		98.7	28-158				
Ethyl Benzene	53		"	50.0		107	84-125				
Hexachlorobutadiene	52		"	50.0		105	83-133				
Isopropylbenzene	51		"	50.0		102	81-127				
Methyl acetate	64		"	50.0		128	41-143				
Methyl tert-butyl ether (MTBE)	62		"	50.0		125	74-131				
Methylcyclohexane	49		"	50.0		98.0	70-130				
Methylene chloride	54		"	50.0		108	57-141				
n-Butylbenzene	51		"	50.0		101	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61111 - EPA 5035A											
LCS (BA61111-BS1)								Prepared & Analyzed: 01/28/2016			
n-Propylbenzene	50		ug/L	50.0		99.2	74-136				
o-Xylene	53		"	50.0		106	83-123				
p- & m- Xylenes	100		"	100		103	82-128				
p-Isopropyltoluene	51		"	50.0		102	85-125				
sec-Butylbenzene	52		"	50.0		103	83-125				
Styrene	54		"	50.0		109	86-126				
tert-Butyl alcohol (TBA)	72		"	50.0		144	70-130	High Bias			
tert-Butylbenzene	52		"	50.0		105	80-127				
Tetrachloroethylene	54		"	50.0		108	80-129				
Toluene	53		"	50.0		106	85-121				
trans-1,2-Dichloroethylene	58		"	50.0		116	72-132				
trans-1,3-Dichloropropylene	55		"	50.0		110	78-132				
Trichloroethylene	54		"	50.0		108	84-123				
Trichlorofluoromethane	52		"	50.0		105	62-140				
Vinyl Chloride	55		"	50.0		109	52-130				
Surrogate: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*77-125*				
Surrogate: Toluene-d8	*48.7*		*"*	*50.0*		*97.5*	*85-120*				
Surrogate: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*96.1*	*76-130*				
LCS Dup (BA61111-BSD1)								Prepared & Analyzed: 01/28/2016			
1,1,1,2-Tetrachloroethane	60		ug/L	50.0		119	75-129		4.86	30	
1,1,1-Trichloroethane	55		"	50.0		110	71-137		3.03	30	
1,1,2,2-Tetrachloroethane	65		"	50.0		131	79-129	High Bias	12.0	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		103	58-146		4.20	30	
1,1,2-Trichloroethane	62		"	50.0		124	83-123	High Bias	9.79	30	
1,1-Dichloroethane	57		"	50.0		114	75-130		3.83	30	
1,1-Dichloroethylene	51		"	50.0		103	64-137		5.28	30	
1,2,3-Trichlorobenzene	62		"	50.0		123	81-140		9.54	30	
1,2,3-Trichloropropane	66		"	50.0		131	81-126	High Bias	16.3	30	
1,2,4-Trichlorobenzene	58		"	50.0		117	80-141		11.8	30	
1,2,4-Trimethylbenzene	55		"	50.0		111	84-125		6.72	30	
1,2-Dibromo-3-chloropropane	75		"	50.0		149	74-142	High Bias	17.6	30	
1,2-Dibromoethane	62		"	50.0		124	86-123	High Bias	5.83	30	
1,2-Dichlorobenzene	61		"	50.0		122	85-122		10.6	30	
1,2-Dichloroethane	60		"	50.0		120	71-133		1.81	30	
1,2-Dichloropropane	55		"	50.0		110	81-122		2.68	30	
1,3,5-Trimethylbenzene	53		"	50.0		106	82-126		0.837	30	
1,3-Dichlorobenzene	56		"	50.0		112	84-124		6.25	30	
1,4-Dichlorobenzene	57		"	50.0		114	84-124		7.99	30	
1,4-Dioxane	1500		"	1000		152	10-228		7.97	30	
2-Butanone	63		"	50.0		126	58-147		7.23	30	
2-Hexanone	64		"	50.0		129	70-139		9.03	30	
4-Methyl-2-pentanone	64		"	50.0		128	72-132		8.85	30	
Acetone	50		"	50.0		99.6	36-155		6.12	30	
Acrolein	59		"	50.0		118	10-238		1.85	30	
Acrylonitrile	68		"	50.0		137	66-141		1.71	30	
Benzene	57		"	50.0		114	77-127		1.85	30	
Bromochloromethane	59		"	50.0		118	74-129		0.796	30	
Bromodichloromethane	57		"	50.0		114	81-124		1.89	30	
Bromoform	66		"	50.0		132	80-136		9.58	30	
Bromomethane	42		"	50.0		83.1	32-177		10.7	30	
Carbon disulfide	52		"	50.0		105	10-136		3.58	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61111 - EPA 5035A											
LCS Dup (BA61111-BSD1)								Prepared & Analyzed: 01/28/2016			
Carbon tetrachloride	55		ug/L	50.0		109	66-143		3.37	30	
Chlorobenzene	59		"	50.0		117	86-120		7.38	30	
Chloroethane	48		"	50.0		96.2	51-142		5.85	30	
Chloroform	58		"	50.0		116	76-131		3.41	30	
Chloromethane	49		"	50.0		97.1	49-132		3.92	30	
cis-1,2-Dichloroethylene	60		"	50.0		120	74-132		2.79	30	
cis-1,3-Dichloropropylene	58		"	50.0		116	81-129		3.97	30	
Cyclohexane	49		"	50.0		98.3	70-130		9.98	30	
Dibromochloromethane	62		"	50.0		125	10-200		8.16	30	
Dibromomethane	57		"	50.0		115	83-124		2.36	30	
Dichlorodifluoromethane	46		"	50.0		92.8	28-158		6.10	30	
Ethyl Benzene	55		"	50.0		110	84-125		2.71	30	
Hexachlorobutadiene	58		"	50.0		117	83-133		10.6	30	
Isopropylbenzene	54		"	50.0		108	81-127		5.53	30	
Methyl acetate	62		"	50.0		125	41-143		2.56	30	
Methyl tert-butyl ether (MTBE)	60		"	50.0		120	74-131		3.95	30	
Methylcyclohexane	49		"	50.0		97.2	70-130		0.758	30	
Methylene chloride	51		"	50.0		103	57-141		4.48	30	
n-Butylbenzene	53		"	50.0		107	80-130		5.15	30	
n-Propylbenzene	52		"	50.0		105	74-136		5.41	30	
o-Xylene	55		"	50.0		109	83-123		3.20	30	
p- & m- Xylenes	110		"	100		107	82-128		4.20	30	
p-Isopropyltoluene	54		"	50.0		107	85-125		5.25	30	
sec-Butylbenzene	55		"	50.0		109	83-125		5.78	30	
Styrene	58		"	50.0		115	86-126		5.95	30	
tert-Butyl alcohol (TBA)	74		"	50.0		148	70-130	High Bias	2.68	30	
tert-Butylbenzene	54		"	50.0		109	80-127		3.82	30	
Tetrachloroethylene	57		"	50.0		114	80-129		4.94	30	
Toluene	53		"	50.0		106	85-121		0.0376	30	
trans-1,2-Dichloroethylene	54		"	50.0		108	72-132		6.98	30	
trans-1,3-Dichloropropylene	58		"	50.0		117	78-132		5.99	30	
Trichloroethylene	54		"	50.0		107	84-123		0.726	30	
Trichlorofluoromethane	50		"	50.0		100	62-140		4.53	30	
Vinyl Chloride	51		"	50.0		103	52-130		6.12	30	
Surrogate: 1,2-Dichloroethane-d4	*49.9*		*"*	*50.0*		*99.8*	*77-125*				
Surrogate: Toluene-d8	*47.8*		*"*	*50.0*		*95.5*	*85-120*				
Surrogate: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.2*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60863 - EPA 3550C											
Blank (BA60863-BLK1)									Prepared: 01/22/2016 Analyzed: 01/24/2016		
1,1'-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3'-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								

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 BA60863 - EPA 3550C											
Blank (BA60863-BLK1)								Prepared: 01/22/2016 Analyzed: 01/24/2016			
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Surrogate: 2-Fluorophenol	*1.85*		*"*	*2.50*		*74.0*	*20-108*				
Surrogate: Phenol-d5	*1.93*		*"*	*2.51*		*76.9*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.27*		*"*	*1.68*		*76.0*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.13*		*"*	*1.67*		*67.4*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*1.45*		*"*	*2.51*		*57.7*	*19-110*				
Surrogate: Terphenyl-d14	*1.00*		*"*	*1.67*		*60.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60863 - EPA 3550C											
LCS (BA60863-BS1)								Prepared: 01/22/2016 Analyzed: 01/24/2016			
1,1'-Biphenyl	0.863	0.0417	mg/kg wet				22-103				
1,2,4,5-Tetrachlorobenzene	0.896	0.0833	"	1.67		53.8	10-144				
1,2,4-Trichlorobenzene	0.931	0.0417	"	1.67		55.8	23-130				
1,2-Dichlorobenzene	0.867	0.0417	"	1.67		52.0	26-113				
1,2-Diphenylhydrazine (as Azobenzene)	0.829	0.0417	"	1.67		49.7	10-140				
1,3-Dichlorobenzene	0.854	0.0417	"	1.67		51.3	32-113				
1,4-Dichlorobenzene	0.854	0.0417	"	1.67		51.3	28-111				
2,3,4,6-Tetrachlorophenol	0.728	0.0833	"	1.67		43.7	30-130				
2,4,5-Trichlorophenol	0.843	0.0417	"	1.67		50.6	14-138				
2,4,6-Trichlorophenol	0.997	0.0417	"	1.67		59.8	27-122				
2,4-Dichlorophenol	1.02	0.0417	"	1.67		61.0	23-133				
2,4-Dimethylphenol	0.837	0.0417	"	1.67		50.2	15-131				
2,4-Dinitrophenol	1.06	0.0833	"	1.67		63.9	10-149				
2,4-Dinitrotoluene	1.18	0.0417	"	1.67		71.0	30-123				
2,6-Dinitrotoluene	1.17	0.0417	"	1.67		70.4	30-125				
2-Chloronaphthalene	0.972	0.0417	"	1.67		58.3	22-115				
2-Chlorophenol	0.925	0.0417	"	1.67		55.5	25-121				
2-Methylnaphthalene	0.833	0.0417	"	1.67		50.0	16-127				
2-Methylphenol	0.786	0.0417	"	1.67		47.2	10-146				
2-Nitroaniline	1.09	0.0833	"	1.67		65.2	24-126				
2-Nitrophenol	0.970	0.0417	"	1.67		58.2	17-129				
3- & 4-Methylphenols	0.780	0.0417	"	1.67		46.8	20-109				
3,3'-Dichlorobenzidine	1.43	0.0417	"	1.67		85.6	10-147				
3-Nitroaniline	1.04	0.0833	"	1.67		62.2	23-123				
4,6-Dinitro-2-methylphenol	0.687	0.0833	"	1.67		41.2	10-149				
4-Bromophenyl phenyl ether	0.775	0.0417	"	1.67		46.5	30-138				
4-Chloro-3-methylphenol	0.944	0.0417	"	1.67		56.7	16-138				
4-Chloroaniline	0.968	0.0417	"	1.67		58.1	10-117				
4-Chlorophenyl phenyl ether	0.858	0.0417	"	1.67		51.5	18-132				
4-Nitroaniline	0.928	0.0833	"	1.67		55.7	14-125				
4-Nitrophenol	0.884	0.0833	"	1.67		53.0	10-136				
Acenaphthene	0.893	0.0417	"	1.67		53.6	17-124				
Acenaphthylene	0.906	0.0417	"	1.67		54.3	16-124				
Acetophenone	0.894	0.0417	"	1.67		53.6	28-105				
Aniline	0.683	0.167	"	1.67		41.0	10-111				
Anthracene	0.872	0.0417	"	1.67		52.3	24-124				
Atrazine	0.946	0.0417	"	1.67		56.8	22-120				
Benzaldehyde	0.914	0.0417	"	1.67		54.8	21-100				
Benzo(a)anthracene	1.18	0.0417	"	1.67		70.8	25-134				
Benzo(a)pyrene	1.28	0.0417	"	1.67		76.6	29-144				
Benzo(b)fluoranthene	1.13	0.0417	"	1.67		67.7	20-151				
Benzo(g,h,i)perylene	1.07	0.0417	"	1.67		64.4	10-153				
Benzo(k)fluoranthene	1.16	0.0417	"	1.67		69.4	10-148				
Benzoic acid	0.778	0.0417	"	1.67		46.7	10-116				
Benzyl alcohol	0.869	0.0417	"	1.67		52.1	17-128				
Benzyl butyl phthalate	1.38	0.0417	"	1.67		82.9	10-132				
Bis(2-chloroethoxy)methane	0.869	0.0417	"	1.67		52.1	10-129				
Bis(2-chloroethyl)ether	0.890	0.0417	"	1.67		53.4	14-125				
Bis(2-chloroisopropyl)ether	1.00	0.0417	"	1.67		60.1	14-122				
Bis(2-ethylhexyl)phthalate	0.915	0.0417	"	1.67		54.9	10-141				
Caprolactam	1.17	0.0833	"	1.67		70.3	10-123				

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 BA60863 - EPA 3550C											
LCS (BA60863-BS1)								Prepared: 01/22/2016 Analyzed: 01/24/2016			
Carbazole	0.938	0.0417	mg/kg wet	1.67		56.3	31-120				
Chrysene	1.28	0.0417	"	1.67		77.0	24-116				
Dibenzo(a,h)anthracene	0.902	0.0417	"	1.67		54.1	17-147				
Dibenzofuran	0.910	0.0417	"	1.67		54.6	23-123				
Diethyl phthalate	0.963	0.0417	"	1.67		57.8	23-122				
Dimethyl phthalate	1.06	0.0417	"	1.67		63.8	28-127				
Di-n-butyl phthalate	0.899	0.0417	"	1.67		53.9	19-123				
Di-n-octyl phthalate	1.28	0.0417	"	1.67		77.1	10-132				
Fluoranthene	0.945	0.0417	"	1.67		56.7	36-125				
Fluorene	0.896	0.0417	"	1.67		53.8	16-130				
Hexachlorobenzene	0.752	0.0417	"	1.67		45.1	10-129				
Hexachlorobutadiene	0.829	0.0417	"	1.67		49.7	22-153				
Hexachlorocyclopentadiene	0.391	0.0417	"	1.67		23.4	10-134				
Hexachloroethane	0.835	0.0417	"	1.67		50.1	20-112				
Indeno(1,2,3-cd)pyrene	0.946	0.0417	"	1.67		56.8	10-155				
Isophorone	0.897	0.0417	"	1.67		53.8	14-131				
Naphthalene	0.855	0.0417	"	1.67		51.3	20-121				
Nitrobenzene	0.901	0.0417	"	1.67		54.1	20-121				
N-Nitrosodimethylamine	0.785	0.0417	"	1.67		47.1	10-124				
N-nitroso-di-n-propylamine	0.759	0.0417	"	1.67		45.6	21-119				
N-Nitrosodiphenylamine	0.889	0.0417	"	1.67		53.3	10-163				
Pentachlorophenol	0.689	0.0417	"	1.67		41.4	10-143				
Phenanthrene	0.880	0.0417	"	1.67		52.8	24-123				
Phenol	0.761	0.0417	"	1.67		45.7	15-123				
Pyrene	1.35	0.0417	"	1.67		81.0	24-132				
Surrogate: 2-Fluorophenol	*1.35*		*"*	*2.50*		*54.1*	*20-108*				
Surrogate: Phenol-d5	*1.16*		*"*	*2.51*		*46.2*	*23-114*				
Surrogate: Nitrobenzene-d5	*0.895*		*"*	*1.68*		*53.4*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*0.718*		*"*	*1.67*		*43.0*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*0.945*		*"*	*2.51*		*37.6*	*30-130*				
Surrogate: Terphenyl-d14	*1.11*		*"*	*1.67*		*66.3*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60863 - EPA 3550C											
LCS Dup (BA60863-BSD1)								Prepared: 01/22/2016 Analyzed: 01/24/2016			
1,1'-Biphenyl	0.900	0.0417	mg/kg wet				22-103		4.20	30	
1,2,4,5-Tetrachlorobenzene	0.974	0.0833	"	1.67		58.4	10-144		8.31	30	
1,2,4-Trichlorobenzene	1.01	0.0417	"	1.67		60.8	23-130		8.54	30	
1,2-Dichlorobenzene	0.952	0.0417	"	1.67		57.1	26-113		9.35	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.927	0.0417	"	1.67		55.6	10-140		11.2	30	
1,3-Dichlorobenzene	1.01	0.0417	"	1.67		60.6	32-113		16.7	30	
1,4-Dichlorobenzene	1.00	0.0417	"	1.67		60.1	28-111		15.9	30	
2,3,4,6-Tetrachlorophenol	0.884	0.0833	"	1.67		53.0	30-130		19.4	30	
2,4,5-Trichlorophenol	0.942	0.0417	"	1.67		56.5	14-138		11.1	30	
2,4,6-Trichlorophenol	1.18	0.0417	"	1.67		70.8	27-122		16.8	30	
2,4-Dichlorophenol	1.12	0.0417	"	1.67		67.4	23-133		9.90	30	
2,4-Dimethylphenol	0.963	0.0417	"	1.67		57.8	15-131		13.9	30	
2,4-Dinitrophenol	1.39	0.0833	"	1.67		83.2	10-149		26.3	30	
2,4-Dinitrotoluene	1.43	0.0417	"	1.67		86.0	30-123		19.1	30	
2,6-Dinitrotoluene	1.39	0.0417	"	1.67		83.4	30-125		16.9	30	
2-Chloronaphthalene	1.07	0.0417	"	1.67		64.2	22-115		9.60	30	
2-Chlorophenol	1.08	0.0417	"	1.67		65.0	25-121		15.8	30	
2-Methylnaphthalene	0.942	0.0417	"	1.67		56.5	16-127		12.3	30	
2-Methylphenol	0.912	0.0417	"	1.67		54.7	10-146		14.8	30	
2-Nitroaniline	1.29	0.0833	"	1.67		77.3	24-126		17.1	30	
2-Nitrophenol	1.09	0.0417	"	1.67		65.3	17-129		11.4	30	
3- & 4-Methylphenols	0.882	0.0417	"	1.67		52.9	20-109		12.3	30	
3,3'-Dichlorobenzidine	1.59	0.0417	"	1.67		95.3	10-147		10.7	30	
3-Nitroaniline	1.22	0.0833	"	1.67		73.1	23-123		16.0	30	
4,6-Dinitro-2-methylphenol	0.769	0.0833	"	1.67		46.1	10-149		11.3	30	
4-Bromophenyl phenyl ether	0.948	0.0417	"	1.67		56.9	30-138		20.1	30	
4-Chloro-3-methylphenol	1.13	0.0417	"	1.67		67.6	16-138		17.6	30	
4-Chloroaniline	1.02	0.0417	"	1.67		61.1	10-117		5.10	30	
4-Chlorophenyl phenyl ether	0.985	0.0417	"	1.67		59.1	18-132		13.7	30	
4-Nitroaniline	1.01	0.0833	"	1.67		60.4	14-125		8.10	30	
4-Nitrophenol	1.17	0.0833	"	1.67		70.1	10-136		27.7	30	
Acenaphthene	1.00	0.0417	"	1.67		60.2	17-124		11.7	30	
Acenaphthylene	1.02	0.0417	"	1.67		61.1	16-124		11.7	30	
Acetophenone	1.01	0.0417	"	1.67		60.7	28-105		12.4	30	
Aniline	0.818	0.167	"	1.67		49.1	10-111		18.0	30	
Anthracene	0.967	0.0417	"	1.67		58.0	24-124		10.3	30	
Atrazine	1.05	0.0417	"	1.67		63.1	22-120		10.5	30	
Benzaldehyde	1.08	0.0417	"	1.67		64.7	21-100		16.4	30	
Benzo(a)anthracene	1.36	0.0417	"	1.67		81.4	25-134		13.9	30	
Benzo(a)pyrene	1.57	0.0417	"	1.67		94.4	29-144		20.8	30	
Benzo(b)fluoranthene	2.13	0.0417	"	1.67		128	20-151		61.4	30	Non-dir.
Benzo(g,h,i)perylene	1.26	0.0417	"	1.67		75.6	10-153		16.0	30	
Benzo(k)fluoranthene	1.06	0.0417	"	1.67		63.5	10-148		8.91	30	
Benzoic acid	0.953	0.0417	"	1.67		57.2	10-116		20.3	30	
Benzyl alcohol	0.995	0.0417	"	1.67		59.7	17-128		13.5	30	
Benzyl butyl phthalate	1.70	0.0417	"	1.67		102	10-132		20.8	30	
Bis(2-chloroethoxy)methane	1.00	0.0417	"	1.67		60.2	10-129		14.3	30	
Bis(2-chloroethyl)ether	1.07	0.0417	"	1.67		64.5	14-125		18.8	30	
Bis(2-chloroisopropyl)ether	1.14	0.0417	"	1.67		68.5	14-122		12.9	30	
Bis(2-ethylhexyl)phthalate	1.15	0.0417	"	1.67		69.2	10-141		23.0	30	
Caprolactam	1.42	0.0833	"	1.67		84.9	10-123		18.8	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 BA60863 - EPA 3550C											
LCS Dup (BA60863-BSD1)								Prepared: 01/22/2016 Analyzed: 01/24/2016			
Carbazole	1.08	0.0417	mg/kg wet	1.67		65.0	31-120		14.4	30	
Chrysene	1.51	0.0417	"	1.67		90.8	24-116		16.5	30	
Dibenzo(a,h)anthracene	1.08	0.0417	"	1.67		64.7	17-147		17.8	30	
Dibenzofuran	1.05	0.0417	"	1.67		63.3	23-123		14.8	30	
Diethyl phthalate	1.15	0.0417	"	1.67		68.8	23-122		17.4	30	
Dimethyl phthalate	1.26	0.0417	"	1.67		75.4	28-127		16.7	30	
Di-n-butyl phthalate	1.03	0.0417	"	1.67		61.8	19-123		13.7	30	
Di-n-octyl phthalate	1.58	0.0417	"	1.67		94.8	10-132		20.6	30	
Fluoranthene	1.04	0.0417	"	1.67		62.7	36-125		10.1	30	
Fluorene	1.03	0.0417	"	1.67		61.6	16-130		13.7	30	
Hexachlorobenzene	0.902	0.0417	"	1.67		54.1	10-129		18.2	30	
Hexachlorobutadiene	1.01	0.0417	"	1.67		60.5	22-153		19.6	30	
Hexachlorocyclopentadiene	0.489	0.0417	"	1.67		29.3	10-134		22.3	30	
Hexachloroethane	0.964	0.0417	"	1.67		57.8	20-112		14.3	30	
Indeno(1,2,3-cd)pyrene	1.12	0.0417	"	1.67		67.5	10-155		17.2	30	
Isophorone	1.05	0.0417	"	1.67		63.0	14-131		15.7	30	
Naphthalene	0.958	0.0417	"	1.67		57.5	20-121		11.4	30	
Nitrobenzene	1.04	0.0417	"	1.67		62.2	20-121		13.9	30	
N-Nitrosodimethylamine	1.14	0.0417	"	1.67		68.6	10-124		37.1	30	Non-dir.
N-nitroso-di-n-propylamine	0.853	0.0417	"	1.67		51.2	21-119		11.6	30	
N-Nitrosodiphenylamine	0.961	0.0417	"	1.67		57.7	10-163		7.82	30	
Pentachlorophenol	0.890	0.0417	"	1.67		53.4	10-143		25.4	30	
Phenanthrene	1.00	0.0417	"	1.67		60.0	24-123		12.8	30	
Phenol	0.886	0.0417	"	1.67		53.2	15-123		15.2	30	
Pyrene	1.70	0.0417	"	1.67		102	24-132		23.0	30	
Surrogate: 2-Fluorophenol	*1.54*		*"*	*2.50*		*61.5*	*20-108*				
Surrogate: Phenol-d5	*1.27*		*"*	*2.51*		*50.5*	*23-114*				
Surrogate: Nitrobenzene-d5	*0.964*		*"*	*1.68*		*57.5*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*0.740*		*"*	*1.67*		*44.3*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*1.08*		*"*	*2.51*		*43.1*	*30-130*				
Surrogate: Terphenyl-d14	*1.39*		*"*	*1.67*		*83.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61015 - EPA 3550C											
Blank (BA61015-BLK1)								Prepared & Analyzed: 01/27/2016			
1,1'-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3'-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								

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 BA61015 - EPA 3550C											
Blank (BA61015-BLK1)								Prepared & Analyzed: 01/27/2016			
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Surrogate: 2-Fluorophenol	*2.58*		*"*	*2.50*		*103*	*20-108*				
Surrogate: Phenol-d5	*2.83*		*"*	*2.51*		*113*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.69*		*"*	*1.68*		*101*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.67*		*"*	*1.67*		*99.9*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.47*		*"*	*2.51*		*98.6*	*19-110*				
Surrogate: Terphenyl-d14	*2.02*		*"*	*1.67*		*120*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61015 - EPA 3550C											
LCS (BA61015-BS1)							Prepared & Analyzed: 01/27/2016				
1,1'-Biphenyl	0.990	0.0417	mg/kg wet				22-103				
1,2,4,5-Tetrachlorobenzene	1.15	0.0833	"	1.67		68.9	10-144				
1,2,4-Trichlorobenzene	0.918	0.0417	"	1.67		55.1	23-130				
1,2-Dichlorobenzene	0.827	0.0417	"	1.67		49.6	26-113				
1,2-Diphenylhydrazine (as Azobenzene)	1.02	0.0417	"	1.67		61.0	10-140				
1,3-Dichlorobenzene	0.844	0.0417	"	1.67		50.6	32-113				
1,4-Dichlorobenzene	0.782	0.0417	"	1.67		46.9	28-111				
2,3,4,6-Tetrachlorophenol	1.84	0.0833	"	1.67		111	30-130				
2,4,5-Trichlorophenol	1.15	0.0417	"	1.67		69.1	14-138				
2,4,6-Trichlorophenol	1.10	0.0417	"	1.67		65.9	27-122				
2,4-Dichlorophenol	1.03	0.0417	"	1.67		61.5	23-133				
2,4-Dimethylphenol	1.17	0.0417	"	1.67		70.0	15-131				
2,4-Dinitrophenol	1.29	0.0833	"	1.67		77.5	10-149				
2,4-Dinitrotoluene	1.06	0.0417	"	1.67		63.6	30-123				
2,6-Dinitrotoluene	1.07	0.0417	"	1.67		64.3	30-125				
2-Chloronaphthalene	0.910	0.0417	"	1.67		54.6	22-115				
2-Chlorophenol	0.946	0.0417	"	1.67		56.8	25-121				
2-Methylnaphthalene	1.06	0.0417	"	1.67		63.8	16-127				
2-Methylphenol	1.01	0.0417	"	1.67		60.4	10-146				
2-Nitroaniline	1.11	0.0833	"	1.67		66.8	24-126				
2-Nitrophenol	0.972	0.0417	"	1.67		58.3	17-129				
3- & 4-Methylphenols	0.977	0.0417	"	1.67		58.6	20-109				
3,3'-Dichlorobenzidine	1.44	0.0417	"	1.67		86.6	10-147				
3-Nitroaniline	1.05	0.0833	"	1.67		63.0	23-123				
4,6-Dinitro-2-methylphenol	1.19	0.0833	"	1.67		71.3	10-149				
4-Bromophenyl phenyl ether	1.02	0.0417	"	1.67		60.9	30-138				
4-Chloro-3-methylphenol	1.22	0.0417	"	1.67		73.3	16-138				
4-Chloroaniline	0.743	0.0417	"	1.67		44.6	10-117				
4-Chlorophenyl phenyl ether	1.08	0.0417	"	1.67		64.7	18-132				
4-Nitroaniline	1.22	0.0833	"	1.67		73.4	14-125				
4-Nitrophenol	0.395	0.0833	"	1.67		23.7	10-136				
Acenaphthene	1.07	0.0417	"	1.67		64.4	17-124				
Acenaphthylene	0.979	0.0417	"	1.67		58.7	16-124				
Acetophenone	1.14	0.0417	"	1.67		68.1	28-105				
Aniline	1.08	0.167	"	1.67		65.1	10-111				
Anthracene	1.08	0.0417	"	1.67		64.7	24-124				
Atrazine	1.14	0.0417	"	1.67		68.5	22-120				
Benzaldehyde	1.08	0.0417	"	1.67		64.7	21-100				
Benzo(a)anthracene	1.21	0.0417	"	1.67		72.8	25-134				
Benzo(a)pyrene	1.17	0.0417	"	1.67		70.3	29-144				
Benzo(b)fluoranthene	1.09	0.0417	"	1.67		65.4	20-151				
Benzo(g,h,i)perylene	1.12	0.0417	"	1.67		67.3	10-153				
Benzo(k)fluoranthene	1.10	0.0417	"	1.67		66.1	10-148				
Benzoic acid	1.55	0.0417	"	1.67		92.8	10-116				
Benzyl alcohol	1.14	0.0417	"	1.67		68.6	17-128				
Benzyl butyl phthalate	0.958	0.0417	"	1.67		57.5	10-132				
Bis(2-chloroethoxy)methane	1.13	0.0417	"	1.67		67.9	10-129				
Bis(2-chloroethyl)ether	0.974	0.0417	"	1.67		58.4	14-125				
Bis(2-chloroisopropyl)ether	1.52	0.0417	"	1.67		91.2	14-122				
Bis(2-ethylhexyl)phthalate	1.05	0.0417	"	1.67		62.9	10-141				
Caprolactam	1.40	0.0833	"	1.67		83.8	10-123				

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 BA61015 - EPA 3550C											
LCS (BA61015-BS1)							Prepared & Analyzed: 01/27/2016				
Carbazole	1.07	0.0417	mg/kg wet	1.67		64.0	31-120				
Chrysene	1.10	0.0417	"	1.67		65.9	24-116				
Dibenzo(a,h)anthracene	1.17	0.0417	"	1.67		70.0	17-147				
Dibenzofuran	1.03	0.0417	"	1.67		61.6	23-123				
Diethyl phthalate	0.957	0.0417	"	1.67		57.4	23-122				
Dimethyl phthalate	0.986	0.0417	"	1.67		59.2	28-127				
Di-n-butyl phthalate	0.934	0.0417	"	1.67		56.1	19-123				
Di-n-octyl phthalate	1.08	0.0417	"	1.67		64.9	10-132				
Fluoranthene	1.15	0.0417	"	1.67		68.8	36-125				
Fluorene	1.07	0.0417	"	1.67		64.1	16-130				
Hexachlorobenzene	0.845	0.0417	"	1.67		50.7	10-129				
Hexachlorobutadiene	0.929	0.0417	"	1.67		55.8	22-153				
Hexachlorocyclopentadiene	0.619	0.0417	"	1.67		37.1	10-134				
Hexachloroethane	0.811	0.0417	"	1.67		48.7	20-112				
Indeno(1,2,3-cd)pyrene	1.11	0.0417	"	1.67		66.6	10-155				
Isophorone	1.06	0.0417	"	1.67		63.5	14-131				
Naphthalene	1.06	0.0417	"	1.67		63.4	20-121				
Nitrobenzene	0.988	0.0417	"	1.67		59.3	20-121				
N-Nitrosodimethylamine	0.988	0.0417	"	1.67		59.3	10-124				
N-nitroso-di-n-propylamine	1.04	0.0417	"	1.67		62.6	21-119				
N-Nitrosodiphenylamine	1.22	0.0417	"	1.67		73.5	10-163				
Pentachlorophenol	0.932	0.0417	"	1.67		55.9	10-143				
Phenanthrene	1.11	0.0417	"	1.67		66.7	24-123				
Phenol	1.10	0.0417	"	1.67		65.9	15-123				
Pyrene	1.09	0.0417	"	1.67		65.5	24-132				
Surrogate: 2-Fluorophenol	*2.72*		*"*	*2.50*		*109*	*20-108*				
Surrogate: Phenol-d5	*3.00*		*"*	*2.51*		*119*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.71*		*"*	*1.68*		*102*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.72*		*"*	*1.67*		*103*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*2.70*		*"*	*2.51*		*107*	*30-130*				
Surrogate: Terphenyl-d14	*1.99*		*"*	*1.67*		*119*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61015 - EPA 3550C											
LCS Dup (BA61015-BSD1)							Prepared & Analyzed: 01/27/2016				
1,1'-Biphenyl	0.979	0.0417	mg/kg wet				22-103		1.08	30	
1,2,4,5-Tetrachlorobenzene	1.15	0.0833	"	1.67		69.1	10-144		0.290	30	
1,2,4-Trichlorobenzene	0.909	0.0417	"	1.67		54.5	23-130		1.02	30	
1,2-Dichlorobenzene	0.811	0.0417	"	1.67		48.6	26-113		2.04	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.05	0.0417	"	1.67		62.9	10-140		3.03	30	
1,3-Dichlorobenzene	0.824	0.0417	"	1.67		49.4	32-113		2.40	30	
1,4-Dichlorobenzene	0.770	0.0417	"	1.67		46.2	28-111		1.55	30	
2,3,4,6-Tetrachlorophenol	1.87	0.0833	"	1.67		112	30-130		1.44	30	
2,4,5-Trichlorophenol	1.20	0.0417	"	1.67		72.1	14-138		4.28	30	
2,4,6-Trichlorophenol	1.11	0.0417	"	1.67		66.5	27-122		0.936	30	
2,4-Dichlorophenol	1.03	0.0417	"	1.67		62.0	23-133		0.745	30	
2,4-Dimethylphenol	1.19	0.0417	"	1.67		71.3	15-131		1.78	30	
2,4-Dinitrophenol	1.30	0.0833	"	1.67		78.1	10-149		0.822	30	
2,4-Dinitrotoluene	1.09	0.0417	"	1.67		65.5	30-123		3.04	30	
2,6-Dinitrotoluene	1.11	0.0417	"	1.67		66.9	30-125		3.96	30	
2-Chloronaphthalene	0.912	0.0417	"	1.67		54.7	22-115		0.256	30	
2-Chlorophenol	0.941	0.0417	"	1.67		56.5	25-121		0.530	30	
2-Methylnaphthalene	1.08	0.0417	"	1.67		64.7	16-127		1.40	30	
2-Methylphenol	1.03	0.0417	"	1.67		61.7	10-146		2.16	30	
2-Nitroaniline	1.14	0.0833	"	1.67		68.4	24-126		2.37	30	
2-Nitrophenol	0.989	0.0417	"	1.67		59.3	17-129		1.77	30	
3- & 4-Methylphenols	0.990	0.0417	"	1.67		59.4	20-109		1.29	30	
3,3'-Dichlorobenzidine	1.57	0.0417	"	1.67		94.1	10-147		8.28	30	
3-Nitroaniline	1.11	0.0833	"	1.67		66.9	23-123		5.91	30	
4,6-Dinitro-2-methylphenol	1.24	0.0833	"	1.67		74.3	10-149		4.18	30	
4-Bromophenyl phenyl ether	1.05	0.0417	"	1.67		63.2	30-138		3.64	30	
4-Chloro-3-methylphenol	1.23	0.0417	"	1.67		74.0	16-138		0.896	30	
4-Chloroaniline	0.840	0.0417	"	1.67		50.4	10-117		12.3	30	
4-Chlorophenyl phenyl ether	1.09	0.0417	"	1.67		65.6	18-132		1.38	30	
4-Nitroaniline	1.26	0.0833	"	1.67		75.5	14-125		2.82	30	
4-Nitrophenol	1.53	0.0833	"	1.67		91.6	10-136		118	30	Non-dir.
Acenaphthene	1.08	0.0417	"	1.67		64.8	17-124		0.743	30	
Acenaphthylene	0.986	0.0417	"	1.67		59.2	16-124		0.780	30	
Acetophenone	1.11	0.0417	"	1.67		66.9	28-105		1.87	30	
Aniline	1.12	0.167	"	1.67		67.0	10-111		2.94	30	
Anthracene	1.10	0.0417	"	1.67		65.7	24-124		1.47	30	
Atrazine	1.15	0.0417	"	1.67		68.9	22-120		0.582	30	
Benzaldehyde	1.03	0.0417	"	1.67		61.5	21-100		4.98	30	
Benzo(a)anthracene	1.24	0.0417	"	1.67		74.4	25-134		2.20	30	
Benzo(a)pyrene	1.25	0.0417	"	1.67		75.0	29-144		6.47	30	
Benzo(b)fluoranthene	1.13	0.0417	"	1.67		68.0	20-151		3.87	30	
Benzo(g,h,i)perylene	1.12	0.0417	"	1.67		67.5	10-153		0.208	30	
Benzo(k)fluoranthene	1.13	0.0417	"	1.67		67.9	10-148		2.66	30	
Benzoic acid	1.58	0.0417	"	1.67		95.1	10-116		2.45	30	
Benzyl alcohol	1.14	0.0417	"	1.67		68.5	17-128		0.0875	30	
Benzyl butyl phthalate	1.00	0.0417	"	1.67		60.1	10-132		4.46	30	
Bis(2-chloroethoxy)methane	1.14	0.0417	"	1.67		68.5	10-129		0.968	30	
Bis(2-chloroethyl)ether	0.971	0.0417	"	1.67		58.3	14-125		0.274	30	
Bis(2-chloroisopropyl)ether	1.50	0.0417	"	1.67		89.8	14-122		1.64	30	
Bis(2-ethylhexyl)phthalate	1.08	0.0417	"	1.67		64.6	10-141		2.70	30	
Caprolactam	1.38	0.0833	"	1.67		82.6	10-123		1.42	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 BA61015 - EPA 3550C											
LCS Dup (BA61015-BSD1)							Prepared & Analyzed: 01/27/2016				
Carbazole	1.10	0.0417	mg/kg wet	1.67		66.2	31-120		3.38	30	
Chrysene	1.13	0.0417	"	1.67		68.0	24-116		3.08	30	
Dibenzo(a,h)anthracene	1.17	0.0417	"	1.67		70.2	17-147		0.342	30	
Dibenzofuran	1.04	0.0417	"	1.67		62.4	23-123		1.26	30	
Diethyl phthalate	0.970	0.0417	"	1.67		58.2	23-122		1.31	30	
Dimethyl phthalate	0.996	0.0417	"	1.67		59.8	28-127		1.04	30	
Di-n-butyl phthalate	0.963	0.0417	"	1.67		57.8	19-123		2.99	30	
Di-n-octyl phthalate	1.12	0.0417	"	1.67		67.2	10-132		3.54	30	
Fluoranthene	1.17	0.0417	"	1.67		70.3	36-125		2.16	30	
Fluorene	1.07	0.0417	"	1.67		64.1	16-130		0.0936	30	
Hexachlorobenzene	0.862	0.0417	"	1.67		51.7	10-129		2.03	30	
Hexachlorobutadiene	0.930	0.0417	"	1.67		55.8	22-153		0.0359	30	
Hexachlorocyclopentadiene	0.624	0.0417	"	1.67		37.4	10-134		0.805	30	
Hexachloroethane	0.796	0.0417	"	1.67		47.8	20-112		1.87	30	
Indeno(1,2,3-cd)pyrene	1.13	0.0417	"	1.67		67.7	10-155		1.61	30	
Isophorone	1.05	0.0417	"	1.67		63.2	14-131		0.410	30	
Naphthalene	1.06	0.0417	"	1.67		63.5	20-121		0.158	30	
Nitrobenzene	0.981	0.0417	"	1.67		58.9	20-121		0.643	30	
N-Nitrosodimethylamine	0.993	0.0417	"	1.67		59.6	10-124		0.471	30	
N-nitroso-di-n-propylamine	1.05	0.0417	"	1.67		63.2	21-119		0.986	30	
N-Nitrosodiphenylamine	1.25	0.0417	"	1.67		74.9	10-163		1.94	30	
Pentachlorophenol	0.960	0.0417	"	1.67		57.6	10-143		3.00	30	
Phenanthrene	1.15	0.0417	"	1.67		68.9	24-123		3.22	30	
Phenol	1.11	0.0417	"	1.67		66.9	15-123		1.51	30	
Pyrene	1.15	0.0417	"	1.67		68.7	24-132		4.83	30	
Surrogate: 2-Fluorophenol	*3.00*		*"*	*2.50*		*120*	*20-108*				
Surrogate: Phenol-d5	*3.32*		*"*	*2.51*		*132*	*23-114*				
Surrogate: Nitrobenzene-d5	*1.90*		*"*	*1.68*		*114*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*1.89*		*"*	*1.67*		*113*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*3.08*		*"*	*2.51*		*123*	*30-130*				
Surrogate: Terphenyl-d14	*2.27*		*"*	*1.67*		*136*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61130 - EPA 3550C											
Blank (BA61130-BLK1)								Prepared & Analyzed: 01/29/2016			
1,1'-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3'-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								

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 BA61130 - EPA 3550C											
Blank (BA61130-BLK1)								Prepared & Analyzed: 01/29/2016			
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Surrogate: 2-Fluorophenol	*1.18*		*"*	*2.50*		*47.2*	*20-108*				
Surrogate: Phenol-d5	*1.22*		*"*	*2.51*		*48.7*	*23-114*				
Surrogate: Nitrobenzene-d5	*0.861*		*"*	*1.68*		*51.3*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*0.840*		*"*	*1.67*		*50.3*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*1.08*		*"*	*2.51*		*42.8*	*19-110*				
Surrogate: Terphenyl-d14	*0.705*		*"*	*1.67*		*42.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61130 - EPA 3550C											
LCS (BA61130-BS1)							Prepared & Analyzed: 01/29/2016				
1,1'-Biphenyl	0.911	0.0417	mg/kg wet				22-103				
1,2,4,5-Tetrachlorobenzene	1.19	0.0833	"	1.67		71.7	10-144				
1,2,4-Trichlorobenzene	1.18	0.0417	"	1.67		70.8	23-130				
1,2-Dichlorobenzene	1.06	0.0417	"	1.67		63.5	26-113				
1,2-Diphenylhydrazine (as Azobenzene)	0.896	0.0417	"	1.67		53.8	10-140				
1,3-Dichlorobenzene	1.14	0.0417	"	1.67		68.7	32-113				
1,4-Dichlorobenzene	1.14	0.0417	"	1.67		68.3	28-111				
2,3,4,6-Tetrachlorophenol	1.70	0.0833	"	1.67		102	30-130				
2,4,5-Trichlorophenol	1.08	0.0417	"	1.67		64.6	14-138				
2,4,6-Trichlorophenol	1.34	0.0417	"	1.67		80.6	27-122				
2,4-Dichlorophenol	1.32	0.0417	"	1.67		78.9	23-133				
2,4-Dimethylphenol	1.10	0.0417	"	1.67		66.2	15-131				
2,4-Dinitrophenol	1.57	0.0833	"	1.67		94.0	10-149				
2,4-Dinitrotoluene	1.70	0.0417	"	1.67		102	30-123				
2,6-Dinitrotoluene	1.59	0.0417	"	1.67		95.3	30-125				
2-Chloronaphthalene	1.14	0.0417	"	1.67		68.2	22-115				
2-Chlorophenol	1.23	0.0417	"	1.67		73.6	25-121				
2-Methylnaphthalene	0.974	0.0417	"	1.67		58.4	16-127				
2-Methylphenol	1.03	0.0417	"	1.67		62.0	10-146				
2-Nitroaniline	1.50	0.0833	"	1.67		90.3	24-126				
2-Nitrophenol	1.24	0.0417	"	1.67		74.2	17-129				
3- & 4-Methylphenols	0.959	0.0417	"	1.67		57.6	20-109				
3,3'-Dichlorobenzidine	1.80	0.0417	"	1.67		108	10-147				
3-Nitroaniline	1.55	0.0833	"	1.67		92.9	23-123				
4,6-Dinitro-2-methylphenol	0.738	0.0833	"	1.67		44.3	10-149				
4-Bromophenyl phenyl ether	1.00	0.0417	"	1.67		60.0	30-138				
4-Chloro-3-methylphenol	1.29	0.0417	"	1.67		77.3	16-138				
4-Chloroaniline	1.39	0.0417	"	1.67		83.6	10-117				
4-Chlorophenyl phenyl ether	1.06	0.0417	"	1.67		63.4	18-132				
4-Nitroaniline	1.09	0.0833	"	1.67		65.5	14-125				
4-Nitrophenol	1.29	0.0833	"	1.67		77.4	10-136				
Acenaphthene	1.06	0.0417	"	1.67		63.3	17-124				
Acenaphthylene	1.05	0.0417	"	1.67		63.0	16-124				
Acetophenone	1.05	0.0417	"	1.67		62.8	28-105				
Aniline	0.898	0.167	"	1.67		53.9	10-111				
Anthracene	1.03	0.0417	"	1.67		61.5	24-124				
Atrazine	1.06	0.0417	"	1.67		63.9	22-120				
Benzaldehyde	1.13	0.0417	"	1.67		67.6	21-100				
Benzo(a)anthracene	1.27	0.0417	"	1.67		76.0	25-134				
Benzo(a)pyrene	1.96	0.0417	"	1.67		117	29-144				
Benzo(b)fluoranthene	2.08	0.0417	"	1.67		125	20-151				
Benzo(g,h,i)perylene	1.64	0.0417	"	1.67		98.2	10-153				
Benzo(k)fluoranthene	1.41	0.0417	"	1.67		84.8	10-148				
Benzoic acid	0.679	0.0417	"	1.67		40.7	10-116				
Benzyl alcohol	1.12	0.0417	"	1.67		67.4	17-128				
Benzyl butyl phthalate	1.79	0.0417	"	1.67		107	10-132				
Bis(2-chloroethoxy)methane	1.10	0.0417	"	1.67		66.2	10-129				
Bis(2-chloroethyl)ether	1.20	0.0417	"	1.67		72.1	14-125				
Bis(2-chloroisopropyl)ether	1.18	0.0417	"	1.67		70.9	14-122				
Bis(2-ethylhexyl)phthalate	1.11	0.0417	"	1.67		66.9	10-141				
Caprolactam	1.58	0.0833	"	1.67		94.6	10-123				

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 BA61130 - EPA 3550C											
LCS (BA61130-BS1)							Prepared & Analyzed: 01/29/2016				
Carbazole	1.13	0.0417	mg/kg wet	1.67		67.6	31-120				
Chrysene	1.67	0.0417	"	1.67		100	24-116				
Dibenzo(a,h)anthracene	1.39	0.0417	"	1.67		83.7	17-147				
Dibenzofuran	1.14	0.0417	"	1.67		68.7	23-123				
Diethyl phthalate	1.26	0.0417	"	1.67		75.7	23-122				
Dimethyl phthalate	1.46	0.0417	"	1.67		87.9	28-127				
Di-n-butyl phthalate	1.05	0.0417	"	1.67		62.9	19-123				
Di-n-octyl phthalate	1.65	0.0417	"	1.67		98.9	10-132				
Fluoranthene	1.10	0.0417	"	1.67		66.1	36-125				
Fluorene	1.10	0.0417	"	1.67		66.3	16-130				
Hexachlorobenzene	0.905	0.0417	"	1.67		54.3	10-129				
Hexachlorobutadiene	1.14	0.0417	"	1.67		68.5	22-153				
Hexachlorocyclopentadiene	0.409	0.0417	"	1.67		24.5	10-134				
Hexachloroethane	1.09	0.0417	"	1.67		65.6	20-112				
Indeno(1,2,3-cd)pyrene	1.36	0.0417	"	1.67		81.6	10-155				
Isophorone	1.21	0.0417	"	1.67		72.9	14-131				
Naphthalene	1.02	0.0417	"	1.67		60.9	20-121				
Nitrobenzene	1.14	0.0417	"	1.67		68.2	20-121				
N-Nitrosodimethylamine	1.23	0.0417	"	1.67		73.7	10-124				
N-nitroso-di-n-propylamine	0.938	0.0417	"	1.67		56.3	21-119				
N-Nitrosodiphenylamine	0.947	0.0417	"	1.67		56.8	10-163				
Pentachlorophenol	1.03	0.0417	"	1.67		61.9	10-143				
Phenanthrene	1.03	0.0417	"	1.67		62.0	24-123				
Phenol	0.970	0.0417	"	1.67		58.2	15-123				
Pyrene	1.86	0.0417	"	1.67		112	24-132				
Surrogate: 2-Fluorophenol	*1.59*		*"*	*2.50*		*63.4*	*20-108*				
Surrogate: Phenol-d5	*1.25*		*"*	*2.51*		*49.7*	*23-114*				
Surrogate: Nitrobenzene-d5	*0.971*		*"*	*1.68*		*57.9*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*0.703*		*"*	*1.67*		*42.1*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*1.08*		*"*	*2.51*		*43.0*	*30-130*				
Surrogate: Terphenyl-d14	*1.41*		*"*	*1.67*		*84.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA61130 - EPA 3550C											
LCS Dup (BA61130-BSD1)							Prepared & Analyzed: 01/29/2016				
1,1'-Biphenyl	0.820	0.0417	mg/kg wet				22-103		10.6	30	
1,2,4,5-Tetrachlorobenzene	1.04	0.0833	"	1.67		62.2	10-144		14.1	30	
1,2,4-Trichlorobenzene	0.899	0.0417	"	1.67		54.0	23-130		27.0	30	
1,2-Dichlorobenzene	0.827	0.0417	"	1.67		49.6	26-113		24.6	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.745	0.0417	"	1.67		44.7	10-140		18.4	30	
1,3-Dichlorobenzene	0.807	0.0417	"	1.67		48.4	32-113		34.6	30	Non-dir.
1,4-Dichlorobenzene	0.797	0.0417	"	1.67		47.8	28-111		35.4	30	Non-dir.
2,3,4,6-Tetrachlorophenol	1.35	0.0833	"	1.67		81.1	30-130		22.8	30	
2,4,5-Trichlorophenol	0.928	0.0417	"	1.67		55.7	14-138		14.9	30	
2,4,6-Trichlorophenol	1.07	0.0417	"	1.67		64.0	27-122		23.0	30	
2,4-Dichlorophenol	1.05	0.0417	"	1.67		63.2	23-133		22.1	30	
2,4-Dimethylphenol	0.818	0.0417	"	1.67		49.1	15-131		29.7	30	
2,4-Dinitrophenol	0.960	0.0833	"	1.67		57.6	10-149		48.0	30	Non-dir.
2,4-Dinitrotoluene	1.24	0.0417	"	1.67		74.1	30-123		31.9	30	Non-dir.
2,6-Dinitrotoluene	1.19	0.0417	"	1.67		71.6	30-125		28.4	30	
2-Chloronaphthalene	0.946	0.0417	"	1.67		56.8	22-115		18.3	30	
2-Chlorophenol	0.861	0.0417	"	1.67		51.7	25-121		35.1	30	Non-dir.
2-Methylnaphthalene	0.811	0.0417	"	1.67		48.7	16-127		18.3	30	
2-Methylphenol	0.730	0.0417	"	1.67		43.8	10-146		34.4	30	Non-dir.
2-Nitroaniline	1.09	0.0833	"	1.67		65.2	24-126		32.2	30	Non-dir.
2-Nitrophenol	0.920	0.0417	"	1.67		55.2	17-129		29.3	30	
3- & 4-Methylphenols	0.742	0.0417	"	1.67		44.5	20-109		25.6	30	
3,3'-Dichlorobenzidine	1.52	0.0417	"	1.67		91.2	10-147		16.6	30	
3-Nitroaniline	1.05	0.0833	"	1.67		62.8	23-123		38.7	30	Non-dir.
4,6-Dinitro-2-methylphenol	0.683	0.0833	"	1.67		41.0	10-149		7.74	30	
4-Bromophenyl phenyl ether	0.814	0.0417	"	1.67		48.9	30-138		20.5	30	
4-Chloro-3-methylphenol	0.928	0.0417	"	1.67		55.7	16-138		32.5	30	Non-dir.
4-Chloroaniline	1.10	0.0417	"	1.67		66.2	10-117		23.2	30	
4-Chlorophenyl phenyl ether	0.891	0.0417	"	1.67		53.5	18-132		17.0	30	
4-Nitroaniline	0.879	0.0833	"	1.67		52.7	14-125		21.7	30	
4-Nitrophenol	0.856	0.0833	"	1.67		51.4	10-136		40.4	30	Non-dir.
Acenaphthene	0.869	0.0417	"	1.67		52.1	17-124		19.4	30	
Acenaphthylene	0.868	0.0417	"	1.67		52.1	16-124		18.9	30	
Acetophenone	0.786	0.0417	"	1.67		47.2	28-105		28.4	30	
Aniline	0.631	0.167	"	1.67		37.9	10-111		34.9	30	Non-dir.
Anthracene	0.832	0.0417	"	1.67		49.9	24-124		20.9	30	
Atrazine	0.891	0.0417	"	1.67		53.5	22-120		17.8	30	
Benzaldehyde	0.871	0.0417	"	1.67		52.3	21-100		25.5	30	
Benzo(a)anthracene	0.944	0.0417	"	1.67		56.6	25-134		29.3	30	
Benzo(a)pyrene	1.34	0.0417	"	1.67		80.5	29-144		37.3	30	Non-dir.
Benzo(b)fluoranthene	1.37	0.0417	"	1.67		82.0	20-151		41.6	30	Non-dir.
Benzo(g,h,i)perylene	1.23	0.0417	"	1.67		73.9	10-153		28.3	30	
Benzo(k)fluoranthene	1.12	0.0417	"	1.67		67.4	10-148		22.8	30	
Benzoic acid	0.756	0.0417	"	1.67		45.4	10-116		10.7	30	
Benzyl alcohol	0.853	0.0417	"	1.67		51.2	17-128		27.4	30	
Benzyl butyl phthalate	1.21	0.0417	"	1.67		72.5	10-132		38.7	30	Non-dir.
Bis(2-chloroethoxy)methane	0.834	0.0417	"	1.67		50.1	10-129		27.8	30	
Bis(2-chloroethyl)ether	0.830	0.0417	"	1.67		49.8	14-125		36.7	30	Non-dir.
Bis(2-chloroisopropyl)ether	0.802	0.0417	"	1.67		48.1	14-122		38.3	30	Non-dir.
Bis(2-ethylhexyl)phthalate	0.844	0.0417	"	1.67		50.6	10-141		27.6	30	
Caprolactam	1.11	0.0833	"	1.67		66.4	10-123		34.9	30	Non-dir.

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 BA61130 - EPA 3550C											
LCS Dup (BA61130-BSD1)							Prepared & Analyzed: 01/29/2016				
Carbazole	0.899	0.0417	mg/kg wet	1.67		54.0	31-120		22.5	30	
Chrysene	1.16	0.0417	"	1.67		69.6	24-116		36.3	30	Non-dir.
Dibenzo(a,h)anthracene	1.07	0.0417	"	1.67		64.1	17-147		26.4	30	
Dibenzofuran	0.918	0.0417	"	1.67		55.1	23-123		22.0	30	
Diethyl phthalate	0.963	0.0417	"	1.67		57.8	23-122		26.9	30	
Dimethyl phthalate	1.04	0.0417	"	1.67		62.6	28-127		33.5	30	Non-dir.
Di-n-butyl phthalate	0.841	0.0417	"	1.67		50.5	19-123		21.9	30	
Di-n-octyl phthalate	1.19	0.0417	"	1.67		71.4	10-132		32.3	30	Non-dir.
Fluoranthene	0.884	0.0417	"	1.67		53.1	36-125		21.9	30	
Fluorene	0.936	0.0417	"	1.67		56.2	16-130		16.5	30	
Hexachlorobenzene	0.750	0.0417	"	1.67		45.0	10-129		18.7	30	
Hexachlorobutadiene	0.920	0.0417	"	1.67		55.2	22-153		21.5	30	
Hexachlorocyclopentadiene	0.276	0.0417	"	1.67		16.6	10-134		38.7	30	Non-dir.
Hexachloroethane	0.772	0.0417	"	1.67		46.3	20-112		34.4	30	Non-dir.
Indeno(1,2,3-cd)pyrene	1.10	0.0417	"	1.67		65.9	10-155		21.3	30	
Isophorone	0.836	0.0417	"	1.67		50.1	14-131		36.9	30	Non-dir.
Naphthalene	0.790	0.0417	"	1.67		47.4	20-121		24.9	30	
Nitrobenzene	0.785	0.0417	"	1.67		47.1	20-121		36.5	30	Non-dir.
N-Nitrosodimethylamine	0.725	0.0417	"	1.67		43.5	10-124		51.5	30	Non-dir.
N-nitroso-di-n-propylamine	0.696	0.0417	"	1.67		41.8	21-119		29.7	30	
N-Nitrosodiphenylamine	0.877	0.0417	"	1.67		52.6	10-163		7.75	30	
Pentachlorophenol	0.707	0.0417	"	1.67		42.4	10-143		37.3	30	Non-dir.
Phenanthrene	0.845	0.0417	"	1.67		50.7	24-123		20.1	30	
Phenol	0.725	0.0417	"	1.67		43.5	15-123		29.0	30	
Pyrene	1.24	0.0417	"	1.67		74.1	24-132		40.5	30	Non-dir.
Surrogate: 2-Fluorophenol	*1.10*		*"*	*2.50*		*43.8*	*20-108*				
Surrogate: Phenol-d5	*0.925*		*"*	*2.51*		*36.8*	*23-114*				
Surrogate: Nitrobenzene-d5	*0.677*		*"*	*1.68*		*40.4*	*22-108*				
Surrogate: 2-Fluorobiphenyl	*0.651*		*"*	*1.67*		*39.0*	*21-113*				
Surrogate: 2,4,6-Tribromophenol	*0.843*		*"*	*2.51*		*33.6*	*30-130*				
Surrogate: Terphenyl-d14	*0.974*		*"*	*1.67*		*58.2*	*24-116*				

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 BA60833 - EPA 3550C											
Blank (BA60833-BLK1)							Prepared & Analyzed: 01/22/2016				
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00132	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0332*		*"*	*0.0670*		*49.6*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0345*		*"*	*0.0690*		*50.1*	*30-140*				
LCS (BA60833-BS1)							Prepared & Analyzed: 01/22/2016				
4,4'-DDD	0.0322	0.000330	mg/kg wet	0.0333		96.5	40-140				
4,4'-DDE	0.0227	0.000330	"	0.0333		68.2	40-140				
4,4'-DDT	0.0307	0.000330	"	0.0333		92.0	40-140				
Aldrin	0.0229	0.000330	"	0.0333		68.6	40-140				
alpha-BHC	0.0238	0.000330	"	0.0333		71.3	40-140				
beta-BHC	0.0222	0.000330	"	0.0333		66.6	40-140				
delta-BHC	0.0242	0.000330	"	0.0333		72.6	40-140				
Dieldrin	0.0257	0.000330	"	0.0333		77.1	40-140				
Endosulfan I	0.0259	0.000330	"	0.0333		77.7	40-140				
Endosulfan II	0.0281	0.000330	"	0.0333		84.2	40-140				
Endosulfan sulfate	0.0288	0.000330	"	0.0333		86.4	40-140				
Endrin	0.0273	0.000330	"	0.0333		81.9	40-140				
Endrin aldehyde	0.0271	0.000330	"	0.0333		81.4	40-140				
Endrin ketone	0.0294	0.000330	"	0.0333		88.2	40-140				
gamma-BHC (Lindane)	0.0231	0.000330	"	0.0333		69.4	40-140				
Heptachlor	0.0228	0.000330	"	0.0333		68.4	40-140				
Heptachlor epoxide	0.0228	0.000330	"	0.0333		68.3	40-140				
Methoxychlor	0.0325	0.00165	"	0.0333		97.5	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0364*		*"*	*0.0670*		*54.4*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0373*		*"*	*0.0690*		*54.1*	*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 BA60833 - EPA 3550C											
LCS Dup (BA60833-BSD1)							Prepared & Analyzed: 01/22/2016				
4,4'-DDD	0.0308	0.000330	mg/kg wet	0.0333		92.4	40-140		4.39	30	
4,4'-DDE	0.0216	0.000330	"	0.0333		64.7	40-140		5.29	30	
4,4'-DDT	0.0292	0.000330	"	0.0333		87.6	40-140		4.99	30	
Aldrin	0.0226	0.000330	"	0.0333		67.7	40-140		1.40	30	
alpha-BHC	0.0235	0.000330	"	0.0333		70.5	40-140		1.20	30	
beta-BHC	0.0216	0.000330	"	0.0333		64.9	40-140		2.57	30	
delta-BHC	0.0235	0.000330	"	0.0333		70.4	40-140		3.08	30	
Dieldrin	0.0249	0.000330	"	0.0333		74.8	40-140		3.02	30	
Endosulfan I	0.0252	0.000330	"	0.0333		75.7	40-140		2.69	30	
Endosulfan II	0.0270	0.000330	"	0.0333		80.9	40-140		3.97	30	
Endosulfan sulfate	0.0276	0.000330	"	0.0333		82.9	40-140		4.21	30	
Endrin	0.0264	0.000330	"	0.0333		79.2	40-140		3.38	30	
Endrin aldehyde	0.0256	0.000330	"	0.0333		76.8	40-140		5.90	30	
Endrin ketone	0.0282	0.000330	"	0.0333		84.5	40-140		4.33	30	
gamma-BHC (Lindane)	0.0228	0.000330	"	0.0333		68.4	40-140		1.54	30	
Heptachlor	0.0224	0.000330	"	0.0333		67.3	40-140		1.57	30	
Heptachlor epoxide	0.0222	0.000330	"	0.0333		66.7	40-140		2.29	30	
Methoxychlor	0.0312	0.00165	"	0.0333		93.5	40-140		4.17	30	
Surrogate: Tetrachloro-m-xylene	*0.0372*		*"*	*0.0670*		*55.6*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0380*		*"*	*0.0690*		*55.0*	*30-140*				
Batch BA60953 - EPA 3550C											
Blank (BA60953-BLK1)							Prepared & Analyzed: 01/26/2016				
4,4'-DDD	ND	0.000330	mg/kg wet								
4,4'-DDE	ND	0.000330	"								
4,4'-DDT	ND	0.000330	"								
Aldrin	ND	0.000330	"								
alpha-BHC	ND	0.000330	"								
beta-BHC	ND	0.000330	"								
Chlordane, total	ND	0.00132	"								
delta-BHC	ND	0.000330	"								
Dieldrin	ND	0.000330	"								
Endosulfan I	ND	0.000330	"								
Endosulfan II	ND	0.000330	"								
Endosulfan sulfate	ND	0.000330	"								
Endrin	ND	0.000330	"								
Endrin aldehyde	ND	0.000330	"								
Endrin ketone	ND	0.000330	"								
gamma-BHC (Lindane)	ND	0.000330	"								
Heptachlor	ND	0.000330	"								
Heptachlor epoxide	ND	0.000330	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0384*		*"*	*0.0670*		*57.3*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0461*		*"*	*0.0690*		*66.8*	*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 BA60953 - EPA 3550C											
LCS (BA60953-BS1)							Prepared & Analyzed: 01/26/2016				
4,4'-DDD	0.0399	0.000330	mg/kg wet	0.0333		120	40-140				
4,4'-DDE	0.0279	0.000330	"	0.0333		83.8	40-140				
4,4'-DDT	0.0381	0.000330	"	0.0333		114	40-140				
Aldrin	0.0278	0.000330	"	0.0333		83.5	40-140				
alpha-BHC	0.0267	0.000330	"	0.0333		80.2	40-140				
beta-BHC	0.0261	0.000330	"	0.0333		78.2	40-140				
delta-BHC	0.0286	0.000330	"	0.0333		85.7	40-140				
Dieldrin	0.0315	0.000330	"	0.0333		94.4	40-140				
Endosulfan I	0.0314	0.000330	"	0.0333		94.2	40-140				
Endosulfan II	0.0343	0.000330	"	0.0333		103	40-140				
Endosulfan sulfate	0.0347	0.000330	"	0.0333		104	40-140				
Endrin	0.0328	0.000330	"	0.0333		98.4	40-140				
Endrin aldehyde	0.0339	0.000330	"	0.0333		102	40-140				
Endrin ketone	0.0356	0.000330	"	0.0333		107	40-140				
gamma-BHC (Lindane)	0.0260	0.000330	"	0.0333		78.0	40-140				
Heptachlor	0.0262	0.000330	"	0.0333		78.6	40-140				
Heptachlor epoxide	0.0276	0.000330	"	0.0333		82.7	40-140				
Methoxychlor	0.0300	0.00165	"	0.0333		90.1	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0391*		*"*	*0.0670*		*58.3*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0488*		*"*	*0.0690*		*70.7*	*30-140*				
LCS Dup (BA60953-BSD1)							Prepared & Analyzed: 01/26/2016				
4,4'-DDD	0.0334	0.000330	mg/kg wet	0.0333		100	40-140		17.8	30	
4,4'-DDE	0.0267	0.000330	"	0.0333		80.1	40-140		4.51	30	
4,4'-DDT	0.0357	0.000330	"	0.0333		107	40-140		6.65	30	
Aldrin	0.0281	0.000330	"	0.0333		84.4	40-140		1.01	30	
alpha-BHC	0.0283	0.000330	"	0.0333		84.8	40-140		5.65	30	
beta-BHC	0.0259	0.000330	"	0.0333		77.6	40-140		0.801	30	
delta-BHC	0.0278	0.000330	"	0.0333		83.3	40-140		2.89	30	
Dieldrin	0.0303	0.000330	"	0.0333		91.0	40-140		3.75	30	
Endosulfan I	0.0306	0.000330	"	0.0333		91.9	40-140		2.42	30	
Endosulfan II	0.0325	0.000330	"	0.0333		97.4	40-140		5.65	30	
Endosulfan sulfate	0.0309	0.000330	"	0.0333		92.6	40-140		11.6	30	
Endrin	0.0315	0.000330	"	0.0333		94.4	40-140		4.16	30	
Endrin aldehyde	0.0317	0.000330	"	0.0333		95.0	40-140		6.87	30	
Endrin ketone	0.0331	0.000330	"	0.0333		99.3	40-140		7.13	30	
gamma-BHC (Lindane)	0.0270	0.000330	"	0.0333		81.0	40-140		3.78	30	
Heptachlor	0.0263	0.000330	"	0.0333		78.9	40-140		0.348	30	
Heptachlor epoxide	0.0268	0.000330	"	0.0333		80.5	40-140		2.64	30	
Methoxychlor	0.0377	0.00165	"	0.0333		113	40-140		22.6	30	
Surrogate: Tetrachloro-m-xylene	*0.0421*		*"*	*0.0670*		*62.9*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0435*		*"*	*0.0690*		*63.0*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60833 - EPA 3550C											
Blank (BA60833-BLK2)							Prepared & Analyzed: 01/22/2016				
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0570*		*"*	*0.0670*		*85.1*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0473*		*"*	*0.0690*		*68.6*	*30-140*				
LCS (BA60833-BS2)							Prepared & Analyzed: 01/22/2016				
Aroclor 1016	0.312	0.0167	mg/kg wet	0.333		93.6	40-130				
Aroclor 1260	0.302	0.0167	"	0.333		90.5	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0610*		*"*	*0.0670*		*91.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0500*		*"*	*0.0690*		*72.5*	*30-140*				
Batch BA60953 - EPA 3550C											
Blank (BA60953-BLK2)							Prepared & Analyzed: 01/26/2016				
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0653*		*"*	*0.0670*		*97.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0507*		*"*	*0.0690*		*73.4*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60953 - EPA 3550C											
LCS (BA60953-BS2)							Prepared & Analyzed: 01/26/2016				
Aroclor 1016	0.372	0.0167	mg/kg wet	0.333		112	40-130				
Aroclor 1260	0.312	0.0167	"	0.333		93.6	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0597*		*"*	*0.0670*		*89.1*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0450*		*"*	*0.0690*		*65.2*	*30-140*				
LCS Dup (BA60953-BSD2)							Prepared & Analyzed: 01/26/2016				
Aroclor 1016	0.372	0.0167	mg/kg wet	0.333		111	40-130		0.179	25	
Aroclor 1260	0.357	0.0167	"	0.333		107	40-130		13.6	25	
Surrogate: Tetrachloro-m-xylene	*0.0627*		*"*	*0.0670*		*93.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0493*		*"*	*0.0690*		*71.5*	*30-140*				

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 BA60857 - EPA 3050B											
Blank (BA60857-BLK1)								Prepared & Analyzed: 01/22/2016			
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.300	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.00	"								
Reference (BA60857-SRM1)								Prepared & Analyzed: 01/22/2016			
Aluminum	6030	5.00	mg/kg wet	8060		74.9	38.9-160				
Antimony	67.7	0.500	"	94.0		72.0	22.8-257.5				
Arsenic	101	1.00	"	113		89.4	69.7-142.5				
Barium	143	1.00	"	155		92.1	72.9-127.1				
Beryllium	99.6	0.100	"	109		91.4	74.7-124.8				
Cadmium	63.1	0.300	"	67.5		93.4	73.2-126.8				
Calcium	5530	5.00	"	5850		94.6	73.7-126.5				
Chromium	155	0.500	"	164		94.8	70.7-129.9				
Cobalt	96.8	0.500	"	100		96.8	74.4-126				
Copper	125	0.500	"	128		97.8	75.2-125.8				
Iron	13200	2.00	"	15200		87.0	37.4-162.5				
Lead	80.7	0.300	"	90.1		89.5	70.1-129.9				
Magnesium	2540	5.00	"	2790		91.1	65.2-135.1				
Manganese	340	0.500	"	363		93.6	75.8-124.5				
Nickel	93.7	0.500	"	89.3		105	72-127.7				
Potassium	2460	5.00	"	2770		88.6	61.7-138.3				
Selenium	140	1.00	"	156		89.5	67.3-132.1				
Silver	22.0	0.500	"	52.6		41.8	66.7-133.5	Low Bias			
Sodium	643	10.0	"	686		93.7	55.8-144.2				
Thallium	82.9	1.00	"	116		71.5	67.4-131.9				
Vanadium	65.0	1.00	"	73.0		89.0	59.7-139.7				
Zinc	148	1.00	"	168		87.9	69-131.5				

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 BA60921 - EPA 3050B											
Blank (BA60921-BLK1)								Prepared & Analyzed: 01/25/2016			
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	0.324	0.300	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.00	"								
Duplicate (BA60921-DUP1)	*Source sample: 16A0689-16 (GP-5 (13-15))							Prepared & Analyzed: 01/25/2016			
Aluminum	13100	5.83	mg/kg dry		12500				4.72	35	
Antimony	ND	0.583	"		ND					35	
Arsenic	ND	1.17	"		ND					35	
Barium	62.6	1.17	"		59.7				4.82	35	
Beryllium	ND	0.117	"		ND					35	
Cadmium	ND	0.350	"		ND					35	
Calcium	825	5.83	"		793				3.95	35	
Chromium	25.6	0.583	"		24.2				5.35	35	
Cobalt	11.5	0.583	"		10.9				5.76	35	
Copper	21.4	0.583	"		20.4				4.70	35	
Iron	44400	2.33	"		44800				0.828	35	
Lead	7.88	0.350	"		7.57				3.98	35	
Magnesium	2790	5.83	"		2660				4.71	35	
Manganese	210	0.583	"		199				5.17	35	
Nickel	17.9	0.583	"		17.5				2.30	35	
Potassium	1830	5.83	"		1760				4.10	35	
Selenium	ND	1.17	"		ND					35	
Silver	ND	0.583	"		ND					35	
Sodium	98.9	11.7	"		101				2.46	35	
Thallium	ND	1.17	"		ND					35	
Vanadium	39.0	1.17	"		37.1				5.07	35	
Zinc	47.4	1.17	"		44.8				5.68	35	

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 BA60921 - EPA 3050B											
Matrix Spike (BA60921-MS1)	*Source sample: 16A0689-16 (GP-5 (13-15))							Prepared & Analyzed: 01/25/2016			
Aluminum	13200	5.83	mg/kg dry	233	12500	264	75-125	High Bias			
Antimony	31.4	0.583	"	29.1	ND	108	75-125				
Arsenic	234	1.17	"	233	ND	100	75-125				
Barium	310	1.17	"	233	59.7	107	75-125				
Beryllium	6.05	0.117	"	5.83	ND	104	75-125				
Cadmium	5.88	0.350	"	5.83	ND	101	75-125				
Chromium	52.3	0.583	"	23.3	24.2	120	75-125				
Cobalt	73.9	0.583	"	58.3	10.9	108	75-125				
Copper	54.7	0.583	"	29.1	20.4	118	75-125				
Iron	44300	2.33	"	117	44800	NR	75-125	Low Bias			
Lead	66.7	0.350	"	58.3	7.57	101	75-125				
Magnesium	2770	5.83	"		2660		75-125				
Manganese	275	0.583	"	58.3	199	130	75-125	High Bias			
Nickel	81.8	0.583	"	58.3	17.5	110	75-125				
Potassium	1820	5.83	"		1760		75-125				
Selenium	234	1.17	"	233	ND	100	75-125				
Silver	0.592	0.583	"	5.83	ND	10.2	75-125	Low Bias			
Sodium	98.5	11.7	"		101		75-125				
Thallium	189	1.17	"	233	ND	81.1	75-125				
Vanadium	98.6	1.17	"	58.3	37.1	106	75-125				
Zinc	107	1.17	"	58.3	44.8	107	75-125				
Reference (BA60921-SRM1)								Prepared & Analyzed: 01/25/2016			
Aluminum	7490	5.00	mg/kg wet	8060		92.9	38.9-160				
Antimony	88.4	0.500	"	94.0		94.0	22.8-257.5				
Arsenic	103	1.00	"	113		91.0	69.7-142.5				
Barium	144	1.00	"	155		93.0	72.9-127.1				
Beryllium	101	0.100	"	109		93.0	74.7-124.8				
Cadmium	60.8	0.300	"	67.5		90.1	73.2-126.8				
Calcium	5910	5.00	"	5850		101	73.7-126.5				
Chromium	152	0.500	"	164		92.7	70.7-129.9				
Cobalt	97.5	0.500	"	100		97.5	74.4-126				
Copper	124	0.500	"	128		96.8	75.2-125.8				
Iron	15200	2.00	"	15200		100	37.4-162.5				
Lead	80.2	0.300	"	90.1		89.0	70.1-129.9				
Magnesium	2740	5.00	"	2790		98.3	65.2-135.1				
Manganese	353	0.500	"	363		97.2	75.8-124.5				
Nickel	94.6	0.500	"	89.3		106	72-127.7				
Potassium	2680	5.00	"	2770		96.9	61.7-138.3				
Selenium	141	1.00	"	156		90.6	67.3-132.1				
Silver	37.6	0.500	"	52.6		71.5	66.7-133.5				
Sodium	681	10.0	"	686		99.2	55.8-144.2				
Thallium	74.3	1.00	"	116		64.0	67.4-131.9	Low Bias			
Vanadium	66.3	1.00	"	73.0		90.8	59.7-139.7				
Zinc	150	1.00	"	168		89.4	69-131.5				

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 BA60893 - EPA 7473 soil											
Blank (BA60893-BLK1)								Prepared & Analyzed: 01/25/2016			
Mercury	ND	0.0300	mg/kg wet								
Reference (BA60893-SRM1)								Prepared & Analyzed: 01/25/2016			
Mercury	6.1910		mg/kg	5.76		107	71.2-129				
Batch BA60949 - EPA 7473 soil											
Blank (BA60949-BLK1)								Prepared & Analyzed: 01/26/2016			
Mercury	ND	0.0300	mg/kg wet								
Reference (BA60949-SRM1)								Prepared & Analyzed: 01/26/2016			
Mercury	7.1651		mg/kg	5.76		124	71.2-129				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16A0628-01	GP-4 (0-3)	40mL Vial with Stir Bar-Cool 4° C
16A0628-02	GP-4 (13-15)	40mL Vial with Stir Bar-Cool 4° C
16A0628-07	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16A0689-06	GP-6 (0-3)	40mL Vial with Stir Bar-Cool 4° C
16A0689-07	GP-6 (13-15)	40mL Vial with Stir Bar-Cool 4° C
16A0689-09	GP-7 (0-3)	40mL Vial with Stir Bar-Cool 4° C
16A0689-10	GP-7 (4-6)	40mL Vial with Stir Bar-Cool 4° C
16A0689-14	GP-5 (0-3)	40mL Vial with Stir Bar-Cool 4° C
16A0689-16	GP-5 (13-15)	40mL Vial with Stir Bar-Cool 4° C
16A0689-18	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
S-08	The recovery of this surrogate was outside of QC limits.
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-RPD	Sample conc. <5 X reporting limit.
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.
M-DISS	The sample submitted for Dissolved Metals was not field filtered. The sample was filtered at the laboratory.
M-DB	Analyte in Method Blank >MDL. Sample conc. >10 X blank conc.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

---

*	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.

Revision Description: This report has been revised to report client selected samples.

516 616 6926 315-2262

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

Page____ of ____

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 16A0628

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: Liberty Environmental	Company:	Company:	160020	RUSH - Same Day ☐	Summary Report ____
Address: 131 Varick St #1022 NY, NY 10013	Address:	Address:	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary ____
Phone No. 917 690 6778	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package ____
Contact Person: Raphael Rosenbaum	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg ____
E-Mail Address:	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY___ NJ___	RUSH - Four Day ☐	NY ASP A Package ____
				Standard(5-7 Days) ✓	NY ASP B Package ✓
					NJDEP Red. Deliv. ____
					Electronic Data Deliverables (EDD)
					Simple Excel ____
					NYSDEC EQuIS ____
					EQuIS (std) ____
					EZ-EDD (EQuIS) ____
					NJDEP SRP HazSite EDD ____
					GIS/KEY (std) ____
					Other ____
					York Regulatory Comparison Excel Spreadsheet
					Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Raphael Rosenbaum
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GP-4 (0-3)	1/21/16 1000	Soil	TCL VOCs, TCL SVOCs, PEST/PCB, TAL metals	1X 8oz. Jar + Terra Cores
GP-4 (13-15)	1/21/16 - 1132		TCL VOCs, TCL SVOCs, Pest/PCB, TAL metals	1X 8oz Jar + Terra Cores
~~GP-5~~ GP-4WC	1/21/16 1103		TCL VOC+10 ENJ DEP SCC/SRS list, TCL SVOC+20 ENJDEP SCC/SRS, TAL metals + Hex Chrome & Mercury, TCLP metals (RCRA Cu, Ni, Zn), Ignitability, reactivity (Sulfide & Cyanide), Corrosivity (pH) PCB, TCLP VOC, TCLP SVOC, TCLP Herbicide, TCLP Pesticide, EPH, Total metals	
~~GP-5~~				
~~GP-6~~				
~~GP-6~~				
~~GP-7~~ GP-4wC(3)	1013		DRO/GRO ~~ETPH~~	
~~GP-7~~ GP-4wC(6)	1053		DRO/GRO	
GP-4wC(12)	1056		DRO/GRO	
TRIP BLANK				

Comments

Preservation
Check those Applicable
4°C____ Frozen____ HCl____ MeOH____ HNO$_3$____ H$_2$SO$_4$____ NaOH____
ZnAc Ascorbic Acid Other

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	1/21/16		1/21/16
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		TC Yuen	1/21/16 1757

Temperature on Receipt 3.4 °C

YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 16A0689

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: Liberty Environmental	Company:	Company:	160020	RUSH - Same Day ☐	Summary Report
Address: 131 Varick Street #1022 NY, NY 10013	Address:	Address:	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary
Phone No. 917 690 6748	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person: Raphael Rosenbaum	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: rrosenbaum@liberyenviro.com	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY___ NJ___	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) ☑	NY ASP B Package ✓
					NJDEP Red. Deliv.
					Electronic Data Deliverables (EDD)
					Simple Excel
					NYSDEC EQuIS
					EQuIS (std)
					EZ-EDD (EQuIS)
					NJDEP SRP HazSite EDD
					GIS/KEY (std)
					Other
					York Regulatory Comparison
					Excel Spreadsheet
					Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Raphael Rosenbaum
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxin/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GP-6WC (9)	1/21/16 - 1533	Soil	DRO / GRO	1X 8oz & 1X Terra Core
GP-6WC (12)	1/21/16 - 1547		DRO / GRO	
GP-6WC (6)	1/21/16 - 1525		DRO / GRO	
GP-6WC (2)	1/21/16 - 1521		DRO / GRO	
GP-7WC (3)	1/22/16 - 1240		DRO / GRO	
GP-6 (0-3)	1/21/16 - 1507		TCL VOC, TCL SVOC, TAL Metals, Pest/PCB	1X 8oz & 1 Set Terra Cores
GP-6 (13-15)	1/21/16 - 1603		TCL VOC, TCL SVOC, TAL Metals, Pest/PCB	
GP-6WC	1/21/16 1616		TCL VOC TIC & NJ DEP SCL/SRS 1,3,5, TCL SVOC +20 & NJ DEP SCL/SRS lists, TAL metals, Hex chrome, Mercury, TCLP Metals (RCRA Cr, Pb, Ag, Se, Ba, Cd, Hg, Cu, Ni, Zn), Ignitability, Corrosivity (pH), Reactivity (sulfide, cyanide), PCB, TCLP VOC, TCLP SVOC, TCLP Herb, TCLP Pest, EPH	
GP-7 (0-3)	1/22/16 1228		TCL VOC, TCL SVOC, TAL Metals, Pest/PCB	
GP-7 (4-6)	1/22/16 1246		TCL VOC, TCL SVOC, TAL Metals, Pest/PCB	

Comments

Preservation
Check those Applicable
4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___
ZnAc___ Ascorbic Acid___ Other___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time: 1/22/16 1:40pm
Samples Relinquished By — Date/Time:
Samples Received By — Date/Time: 1/22/16
Samples Received in LAB by — Date/Time: 1/22/16 - 2009

Temperature on Receipt 3.5 °C

YORK ANALYTICAL LABORATORIES INC
YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. _____

YOUR Information

Company: Liberty Environmental
Address: 131 varick st #1022
NYC, NY 10013
Phone No. 917 690 6786
Contact Person: Raffael Rosenbaum
E-Mail Address: rrosenbaum@libertyenviro.com

Report To:

Company:
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:

Company:
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID

160020

Purchase Order No.

Samples from: CT___ NY___ NJ___

Turn-Around Time

- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☑

Report Type

- Summary Report
- Summary w/ QA Summary
- CT RCP Package
- CTRCP DQA/DUE Pkg
- NY ASP A Package
- NY ASP B Package 1
- NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)

- Simple Excel
- NYSDEC EQuIS
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other
- York Regulatory Comparison
- Excel Spreadsheet

Compare to the following Regs: (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Raffael Rosenbaum
Name (printed)

Matrix Codes

- S - soil
- Other - specify(oil, etc.)
- WW - wastewater
- GW - groundwater
- DW - drinking water
- Air-A - ambient air
- Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
GP-SWC (12)	1/22/16 1531	Soil	DRO/GRO	
GP-SWC (2)	1/22/16 1447		DRO/GRO	
GP-SWC (6)	1/22/16 1535		DRO/GRO	
GP-S (0-3)	1/22/16 1437		TCL VOC, TCL SVOC, Pest/PCB, TAL Metals	
GP-SWC	1/22/16 1546		TCL VOC + 10 # NJDEP SCC/SRS lists, TCL SVOC + 20 # NJDEP SSC/SRS lists, TAL Metals (Hex chrome, mercury), TCLP metals (RCRA, Cu, Ni, Zn), ignitability, corrosivity (pH), reactivity (sulfide, cyanide), PCB, TCLP VOC, TCLP SVOC, TCLP Herb, TCLP Pest, EPH	
GP-S (13-15)	1/22/16 1542		TCL VOC, TCL SVOC, Pest/PCB, TAL Metals	
GP-SWC (9)	1/22/16 1513		DRO/GRO	

Comments

Preservation
Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____
ZnAc Ascorbic Acid Other

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	1/22/16 3:50 pm		1/22/16 3:55
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
			1/22/16-2009

Temperature on Receipt 3.8 °C

Appendix F

Laboratory Data Deliverables for Remedial Investigation Vapor Samples

Technical Report

prepared for:

Liberty Environmental, Inc
131 Varick Street, Suite 1022
New York NY, 10013
Attention: Raphael Rosenbaum

Report Date: 02/01/2016
Client Project ID: 160020
York Project (SDG) No.: 16A0700

CT Cert. No. PH-0723 New Jersey Cert. No. CT-005 New York Cert. No. 10854 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 02/01/2016
Client Project ID: 160020
York Project (SDG) No.: 16A0700

Liberty Environmental, Inc
131 Varick Street, Suite 1022
New York NY, 10013
Attention: Raphael Rosenbaum

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 January 25, 2016 and listed below. The project was identified as your project: **160020**.

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.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
16A0700-01	GP-4	Soil Vapor	01/25/2016	01/25/2016
16A0700-02	GP-6	Soil Vapor	01/25/2016	01/25/2016
16A0700-04	GP-7	Soil Vapor	01/25/2016	01/25/2016
16A0700-05	GP-6 Duplicate 2	Soil Vapor	01/25/2016	01/25/2016

General Notes for York Project (SDG) No.: 16A0700

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: **Date:** 02/01/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **GP-4** **York Sample ID:** **16A0700-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0700	160020	Soil Vapor	January 25, 2016 9:00 am	01/25/2016

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	15	15	21.45	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 11:41	LDS
71-55-6	**1,1,1-Trichloroethane**	**690**		ug/m³	12	12	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	15	15	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	16	16	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	12	12	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.7	8.7	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	8.5	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	16	16	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	11	11	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	16	16	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	13	13	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.7	8.7	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.9	9.9	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	15	15	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	11	11	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	28	28	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	13	13	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	9.9	9.9	21.45	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 11:41	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	13	13	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	15	15	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
78-93-3	**2-Butanone**	**16**		ug/m³	6.3	6.3	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
591-78-6	* 2-Hexanone	ND		ug/m³	18	18	21.45	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 11:41	LDS
107-05-1	* 3-Chloropropene	ND		ug/m³	34	34	21.45	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 11:41	LDS

Sample Information

Client Sample ID: GP-4 **York Sample ID:** 16A0700-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0700	160020	Soil Vapor	January 25, 2016 9:00 am	01/25/2016

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.8	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
67-64-1	**Acetone**	**73**		ug/m³	10	10	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
107-13-1	* Acrylonitrile	ND		ug/m³	4.7	4.7	21.45	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 11:41	LDS
71-43-2	Benzene	ND		ug/m³	6.9	6.9	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
100-44-7	Benzyl chloride	ND		ug/m³	11	11	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	13	13	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
75-25-2	Bromoform	ND		ug/m³	22	22	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
74-83-9	Bromomethane	ND		ug/m³	8.3	8.3	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
75-15-0	Carbon disulfide	ND		ug/m³	6.7	6.7	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	3.4	3.4	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
108-90-7	Chlorobenzene	ND		ug/m³	9.9	9.9	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
75-00-3	Chloroethane	ND		ug/m³	5.7	5.7	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
67-66-3	**Chloroform**	**12**		ug/m³	10	10	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
74-87-3	Chloromethane	ND		ug/m³	4.4	4.4	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	8.5	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.7	9.7	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
110-82-7	Cyclohexane	ND		ug/m³	7.4	7.4	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	17	17	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m³	11	11	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	15	15	21.45	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 11:41	LDS
100-41-4	Ethyl Benzene	ND		ug/m³	9.3	9.3	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m³	23	23	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
67-63-0	Isopropanol	ND		ug/m³	11	11	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS

Sample Information

Client Sample ID: GP-4 **York Sample ID:** 16A0700-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0700	160020	Soil Vapor	January 25, 2016 9:00 am	01/25/2016

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	8.8	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.7	7.7	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
75-09-2	Methylene chloride	ND		ug/m³	15	15	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
142-82-5	n-Heptane	ND		ug/m³	8.8	8.8	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
110-54-3	n-Hexane	ND		ug/m³	7.6	7.6	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
95-47-6	o-Xylene	ND		ug/m³	9.3	9.3	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m³	19	19	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m³	11	11	21.45	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 11:41	LDS
115-07-1	*** Propylene**	**70**		ug/m³	3.7	3.7	21.45	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 11:41	LDS
100-42-5	Styrene	ND		ug/m³	9.1	9.1	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
127-18-4	**Tetrachloroethylene**	**15**		ug/m³	3.6	3.6	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m³	13	13	21.45	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 11:41	LDS
108-88-3	**Toluene**	**21**		ug/m³	8.1	8.1	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	8.5	8.5	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.7	9.7	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
79-01-6	Trichloroethylene	ND		ug/m³	2.9	2.9	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	12	12	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
108-05-4	Vinyl acetate	ND		ug/m³	7.6	7.6	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
593-60-2	Vinyl bromide	ND		ug/m³	9.4	9.4	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS
75-01-4	Vinyl Chloride	ND		ug/m³	5.5	5.5	21.45	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 11:41	LDS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.5 %*	*72-118*

Sample Information

Client Sample ID: GP-6 **York Sample ID:** 16A0700-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0700	160020	Soil Vapor	January 25, 2016 9:00 am	01/25/2016

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	13	13	18.67	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 12:29	LDS
71-55-6	**1,1,1-Trichloroethane**	**43**		ug/m³	10	10	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	13	13	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	14	14	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	10	10	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.6	7.6	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.4	7.4	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	14	14	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	9.2	9.2	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	14	14	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	11	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.6	7.6	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.6	8.6	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	13	13	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	9.2	9.2	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	24	24	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	11	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	8.6	8.6	18.67	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 12:29	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	11	11	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	13	13	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
78-93-3	**2-Butanone**	**25**		ug/m³	5.5	5.5	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
591-78-6	* 2-Hexanone	ND		ug/m³	15	15	18.67	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 12:29	LDS
107-05-1	* 3-Chloropropene	ND		ug/m³	29	29	18.67	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 12:29	LDS

Sample Information

Client Sample ID: GP-6 **York Sample ID:** 16A0700-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0700	160020	Soil Vapor	January 25, 2016 9:00 am	01/25/2016

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.6	7.6	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
67-64-1	**Acetone**	**100**		ug/m³	8.9	8.9	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
107-13-1	* Acrylonitrile	ND		ug/m³	4.1	4.1	18.67	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 12:29	LDS
71-43-2	Benzene	ND		ug/m³	6.0	6.0	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
100-44-7	Benzyl chloride	ND		ug/m³	9.7	9.7	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	12	12	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
75-25-2	Bromoform	ND		ug/m³	19	19	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
74-83-9	Bromomethane	ND		ug/m³	7.2	7.2	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
75-15-0	Carbon disulfide	ND		ug/m³	5.8	5.8	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	2.9	2.9	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
108-90-7	Chlorobenzene	ND		ug/m³	8.6	8.6	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
75-00-3	Chloroethane	ND		ug/m³	4.9	4.9	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
67-66-3	Chloroform	ND		ug/m³	9.1	9.1	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
74-87-3	Chloromethane	ND		ug/m³	3.9	3.9	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.4	7.4	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.5	8.5	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
110-82-7	Cyclohexane	ND		ug/m³	6.4	6.4	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	15	15	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.2	9.2	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	13	13	18.67	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 12:29	LDS
100-41-4	Ethyl Benzene	ND		ug/m³	8.1	8.1	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m³	20	20	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
67-63-0	Isopropanol	ND		ug/m³	9.2	9.2	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
80-62-6	Methyl Methacrylate	ND		ug/m³	7.6	7.6	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS

Sample Information

Client Sample ID: GP-6 **York Sample ID:** 16A0700-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0700	160020	Soil Vapor	January 25, 2016 9:00 am	01/25/2016

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.7	6.7	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
75-09-2	Methylene chloride	ND		ug/m³	13	13	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
142-82-5	n-Heptane	ND		ug/m³	7.7	7.7	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
110-54-3	n-Hexane	ND		ug/m³	6.6	6.6	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
95-47-6	o-Xylene	ND		ug/m³	8.1	8.1	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m³	16	16	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m³	9.2	9.2	18.67	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 12:29	LDS
115-07-1	*** Propylene**	**120**		ug/m³	3.2	3.2	18.67	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 12:29	LDS
100-42-5	Styrene	ND		ug/m³	8.0	8.0	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
127-18-4	**Tetrachloroethylene**	**15**		ug/m³	3.2	3.2	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m³	11	11	18.67	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 12:29	LDS
108-88-3	**Toluene**	**19**		ug/m³	7.0	7.0	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.4	7.4	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.5	8.5	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
79-01-6	Trichloroethylene	ND		ug/m³	2.5	2.5	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	10	10	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
108-05-4	Vinyl acetate	ND		ug/m³	6.6	6.6	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
593-60-2	Vinyl bromide	ND		ug/m³	8.2	8.2	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS
75-01-4	Vinyl Chloride	ND		ug/m³	4.8	4.8	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 12:29	LDS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.0 %*	*72-118*

Sample Information

Client Sample ID: GP-7 **York Sample ID:** 16A0700-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0700	160020	Soil Vapor	January 25, 2016 9:00 am	01/25/2016

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 15:01	LDS
71-55-6	**1,1,1-Trichloroethane**	**6.8**		ug/m³	0.92	0.92	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**1.3**		ug/m³	1.3	1.3	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.92	0.92	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.68	0.68	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.67	0.67	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
95-63-6	**1,2,4-Trimethylbenzene**	**6.1**		ug/m³	0.83	0.83	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.3	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.68	0.68	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.78	0.78	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
108-67-8	**1,3,5-Trimethylbenzene**	**1.5**		ug/m³	0.83	0.83	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	2.2	2.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.78	0.78	1.68	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 15:01	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.0	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
78-93-3	**2-Butanone**	**3.7**		ug/m³	0.50	0.50	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
591-78-6	* 2-Hexanone	ND		ug/m³	1.4	1.4	1.68	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 15:01	LDS
107-05-1	* 3-Chloropropene	ND		ug/m³	2.6	2.6	1.68	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 15:01	LDS

Sample Information

Client Sample ID: GP-7 **York Sample ID:** 16A0700-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0700	160020	Soil Vapor	January 25, 2016 9:00 am	01/25/2016

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.69	0.69	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
67-64-1	**Acetone**	**37**		ug/m³	0.80	0.80	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
107-13-1	* Acrylonitrile	ND		ug/m³	0.36	0.36	1.68	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 15:01	LDS
71-43-2	**Benzene**	**4.7**		ug/m³	0.54	0.54	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
100-44-7	Benzyl chloride	ND		ug/m³	0.87	0.87	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	1.0	1.0	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
75-25-2	Bromoform	ND		ug/m³	1.7	1.7	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
74-83-9	Bromomethane	ND		ug/m³	0.65	0.65	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
75-15-0	**Carbon disulfide**	**1.7**		ug/m³	0.52	0.52	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	0.26	0.26	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
108-90-7	Chlorobenzene	ND		ug/m³	0.77	0.77	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
75-00-3	Chloroethane	ND		ug/m³	0.44	0.44	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
67-66-3	**Chloroform**	**5.7**		ug/m³	0.82	0.82	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
74-87-3	Chloromethane	ND		ug/m³	0.35	0.35	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.67	0.67	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.76	0.76	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
110-82-7	**Cyclohexane**	**1.9**		ug/m³	0.58	0.58	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.3	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
75-71-8	**Dichlorodifluoromethane**	**2.5**		ug/m³	0.83	0.83	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 15:01	LDS
100-41-4	**Ethyl Benzene**	**3.2**		ug/m³	0.73	0.73	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.8	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
67-63-0	Isopropanol	ND		ug/m³	0.83	0.83	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS

Sample Information

Client Sample ID: GP-7 **York Sample ID:** 16A0700-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0700	160020	Soil Vapor	January 25, 2016 9:00 am	01/25/2016

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.69	0.69	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.60	0.60	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
75-09-2	**Methylene chloride**	**9.0**		ug/m³	1.2	1.2	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
142-82-5	**n-Heptane**	**1.9**		ug/m³	0.69	0.69	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
110-54-3	**n-Hexane**	**5.6**		ug/m³	0.59	0.59	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
95-47-6	**o-Xylene**	**4.8**		ug/m³	0.73	0.73	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
179601-23-1	**p- & m- Xylenes**	**15**		ug/m³	1.5	1.5	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
622-96-8	*** p-Ethyltoluene**	**5.9**		ug/m³	0.83	0.83	1.68	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 15:01	LDS
115-07-1	*** Propylene**	**2.4**		ug/m³	0.29	0.29	1.68	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 15:01	LDS
100-42-5	Styrene	ND		ug/m³	0.72	0.72	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
127-18-4	**Tetrachloroethylene**	**37**		ug/m³	0.28	0.28	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.99	0.99	1.68	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 15:01	LDS
108-88-3	**Toluene**	**17**		ug/m³	0.63	0.63	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.67	0.67	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.76	0.76	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
79-01-6	Trichloroethylene	ND		ug/m³	0.23	0.23	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.8**		ug/m³	0.94	0.94	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
108-05-4	Vinyl acetate	ND		ug/m³	0.59	0.59	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
593-60-2	Vinyl bromide	ND		ug/m³	0.73	0.73	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS
75-01-4	Vinyl Chloride	ND		ug/m³	0.43	0.43	1.68	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 15:01	LDS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.7 %*	*72-118*

Sample Information

Client Sample ID: **GP-6 Duplicate 2** **York Sample ID:** **16A0700-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0700	160020	Soil Vapor	January 25, 2016 9:00 am	01/25/2016

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	13	13	18.67	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 14:06	LDS
71-55-6	**1,1,1-Trichloroethane**	**39**		ug/m³	10	10	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	13	13	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	14	14	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	10	10	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.6	7.6	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.4	7.4	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	14	14	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	9.2	9.2	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	14	14	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	11	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.6	7.6	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.6	8.6	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	13	13	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	9.2	9.2	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	24	24	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	11	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	8.6	8.6	18.67	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 14:06	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	11	11	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	13	13	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
78-93-3	**2-Butanone**	**8.3**		ug/m³	5.5	5.5	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
591-78-6	* 2-Hexanone	ND		ug/m³	15	15	18.67	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 14:06	LDS
107-05-1	* 3-Chloropropene	ND		ug/m³	29	29	18.67	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 14:06	LDS

Sample Information

Client Sample ID: **GP-6 Duplicate 2** **York Sample ID:** **16A0700-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0700	160020	Soil Vapor	January 25, 2016 9:00 am	01/25/2016

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.6	7.6	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
67-64-1	**Acetone**	**21**		ug/m³	8.9	8.9	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
107-13-1	* Acrylonitrile	ND		ug/m³	4.1	4.1	18.67	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 14:06	LDS
71-43-2	Benzene	ND		ug/m³	6.0	6.0	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
100-44-7	Benzyl chloride	ND		ug/m³	9.7	9.7	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	12	12	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
75-25-2	Bromoform	ND		ug/m³	19	19	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
74-83-9	Bromomethane	ND		ug/m³	7.2	7.2	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
75-15-0	Carbon disulfide	ND		ug/m³	5.8	5.8	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	2.9	2.9	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
108-90-7	Chlorobenzene	ND		ug/m³	8.6	8.6	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
75-00-3	Chloroethane	ND		ug/m³	4.9	4.9	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
67-66-3	Chloroform	ND		ug/m³	9.1	9.1	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
74-87-3	Chloromethane	ND		ug/m³	3.9	3.9	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.4	7.4	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.5	8.5	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
110-82-7	Cyclohexane	ND		ug/m³	6.4	6.4	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	15	15	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.2	9.2	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	13	13	18.67	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 14:06	LDS
100-41-4	Ethyl Benzene	ND		ug/m³	8.1	8.1	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m³	20	20	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
67-63-0	Isopropanol	ND		ug/m³	9.2	9.2	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
80-62-6	Methyl Methacrylate	ND		ug/m³	7.6	7.6	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS

Sample Information

Client Sample ID: **GP-6 Duplicate 2** **York Sample ID:** **16A0700-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16A0700	160020	Soil Vapor	January 25, 2016 9:00 am	01/25/2016

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.7	6.7	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
75-09-2	Methylene chloride	ND		ug/m³	13	13	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
142-82-5	n-Heptane	ND		ug/m³	7.7	7.7	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
110-54-3	n-Hexane	ND		ug/m³	6.6	6.6	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
95-47-6	o-Xylene	ND		ug/m³	8.1	8.1	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
179601-23-1	p- & m- Xylenes	ND		ug/m³	16	16	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
622-96-8	* p-Ethyltoluene	ND		ug/m³	9.2	9.2	18.67	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 14:06	LDS
115-07-1	*** Propylene**	**44**		ug/m³	3.2	3.2	18.67	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 14:06	LDS
100-42-5	Styrene	ND		ug/m³	8.0	8.0	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
127-18-4	Tetrachloroethylene	ND		ug/m³	3.2	3.2	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m³	11	11	18.67	EPA TO-15 Certifications:	02/01/2016 09:36	02/01/2016 14:06	LDS
108-88-3	**Toluene**	**11**		ug/m³	7.0	7.0	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.4	7.4	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.5	8.5	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
79-01-6	Trichloroethylene	ND		ug/m³	2.5	2.5	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	10	10	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
108-05-4	Vinyl acetate	ND		ug/m³	6.6	6.6	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
593-60-2	Vinyl bromide	ND		ug/m³	8.2	8.2	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS
75-01-4	Vinyl Chloride	ND		ug/m³	4.8	4.8	18.67	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	02/01/2016 09:36	02/01/2016 14:06	LDS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.2 %*	*72-118*

Analytical Batch Summary

Batch ID: BB60016 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
16A0700-01	GP-4	02/01/16
16A0700-02	GP-6	02/01/16
16A0700-04	GP-7	02/01/16
16A0700-05	GP-6 Duplicate 2	02/01/16
BB60016-BLK1	Blank	02/01/16
BB60016-BS1	LCS	02/01/16

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60016 - EPA TO15 PREP											
Blank (BB60016-BLK1)								Prepared & Analyzed: 02/01/2016			
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	1.3	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.62	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.80	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60016 - EPA TO15 PREP											
Blank (BB60016-BLK1)								Prepared & Analyzed: 02/01/2016			
o-Xylene	ND	0.43	ug/m³								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.26	"								
Surrogate: p-Bromofluorobenzene	*9.62*		*ppbv*	*10.4*		*92.5*	*72-118*				
LCS (BB60016-BS1)								Prepared & Analyzed: 02/01/2016			
1,1,1,2-Tetrachloroethane	10.5		ppbv	10.5		100	82-126				
1,1,1-Trichloroethane	9.96		"	10.2		97.6	70-130				
1,1,2,2-Tetrachloroethane	9.50		"	10.3		92.2	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.95		"	10.4		95.7	70-130				
1,1,2-Trichloroethane	10.1		"	10.3		98.3	70-130				
1,1-Dichloroethane	9.55		"	10.2		93.6	70-130				
1,1-Dichloroethylene	10.4		"	10.4		100	70-130				
1,2,4-Trichlorobenzene	6.96		"	9.00		77.3	70-130				
1,2,4-Trimethylbenzene	10.7		"	10.2		105	70-130				
1,2-Dibromoethane	10.4		"	10.4		100	70-130				
1,2-Dichlorobenzene	10.2		"	10.1		101	70-130				
1,2-Dichloroethane	9.83		"	10.2		96.4	70-130				
1,2-Dichloropropane	9.98		"	10.2		97.8	70-130				
1,2-Dichlorotetrafluoroethane	10.1		"	9.80		103	70-130				
1,3,5-Trimethylbenzene	10.2		"	10.0		102	70-130				
1,3-Butadiene	8.13		"	10.1		80.5	70-130				
1,3-Dichlorobenzene	10.5		"	10.2		103	70-130				
1,3-Dichloropropane	10.6		"	10.5		101	70-130				
1,4-Dichlorobenzene	10.7		"	10.1		106	70-130				
1,4-Dioxane	9.31		"	10.2		91.3	70-130				
2-Butanone	9.32		"	10.4		89.6	70-130				
2-Hexanone	9.45		"	10.5		90.0	70-130				
3-Chloropropene	10.7		"	10.7		99.6	70-130				
4-Methyl-2-pentanone	9.54		"	10.2		93.5	70-130				
Acetone	9.33		"	10.6		88.0	70-130				
Acrylonitrile	9.09		"	10.3		88.3	70-130				
Benzene	10.1		"	10.3		98.3	70-130				
Benzyl chloride	7.51		"	10.2		73.6	70-130				
Bromodichloromethane	10.4		"	10.2		102	70-130				
Bromoform	11.1		"	10.1		110	70-130				
Bromomethane	11.4		"	9.50		119	70-130				
Carbon disulfide	11.9		"	10.5		113	70-130				
Carbon tetrachloride	10.1		"	10.2		99.0	70-130				
Chlorobenzene	10.0		"	10.5		95.3	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB60016 - EPA TO15 PREP											
LCS (BB60016-BS1)							Prepared & Analyzed: 02/01/2016				
Chloroethane	9.47		ppbv	9.40		101	70-130				
Chloroform	9.46		"	10.4		91.0	70-130				
Chloromethane	7.88		"	9.80		80.4	70-130				
cis-1,2-Dichloroethylene	9.49		"	10.2		93.0	70-130				
cis-1,3-Dichloropropylene	11.5		"	11.0		104	70-130				
Cyclohexane	10.7		"	10.3		104	70-130				
Dibromochloromethane	11.0		"	10.6		103	70-130				
Dichlorodifluoromethane	8.14		"	9.80		83.1	70-130				
Ethyl acetate	9.05		"	10.4		87.0	70-130				
Ethyl Benzene	10.5		"	10.4		101	70-130				
Hexachlorobutadiene	8.65		"	9.10		95.1	70-130				
Isopropanol	8.69		"	10.0		86.9	70-130				
Methyl Methacrylate	10.2		"	9.80		104	70-130				
Methyl tert-butyl ether (MTBE)	10.1		"	10.3		98.3	70-130				
Methylene chloride	9.17		"	10.4		88.2	70-130				
n-Heptane	11.1		"	10.5		106	70-130				
n-Hexane	11.0		"	10.5		105	70-130				
o-Xylene	11.0		"	10.3		107	70-130				
p- & m- Xylenes	20.6		"	20.2		102	70-130				
p-Ethyltoluene	10.5		"	10.0		105	70-130				
Propylene	10.9		"	10.6		103	70-130				
Styrene	10.7		"	10.2		105	70-130				
Tetrachloroethylene	10.3		"	9.90		104	70-130				
Tetrahydrofuran	10.1		"	10.6		95.6	70-130				
Toluene	10.9		"	10.5		104	70-130				
trans-1,2-Dichloroethylene	9.82		"	10.1		97.2	70-130				
trans-1,3-Dichloropropylene	10.6		"	10.3		103	70-130				
Trichloroethylene	9.76		"	10.2		95.7	70-130				
Trichlorofluoromethane (Freon 11)	9.99		"	9.90		101	70-130				
Vinyl acetate	10.2		"	10.7		95.3	70-130				
Vinyl bromide	10.9		"	10.5		104	70-130				
Vinyl Chloride	8.79		"	9.90		88.8	70-130				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.4*		*97.9*	*72-118*				

Notes and Definitions

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Corrective Action: GP-6 Duplicate sample cancelled due to faulty canister and substituted with GP-6 Duplicate 2 sample per Raphael Rosenbaum.

YORK
ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record - AIR

Page 1 of 1

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 16A0700

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: Liberty Environmental	Company:	Company:	160020	RUSH - Same Day ☐	Summary Report ___
Address: 131 Varick Street #1022 NY, NY 10013	Address:	Address:	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary ___
Phone No. 917 690 6778	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package ___
Contact Person: Raphael Rosenbaum	Attention:	Attention:		RUSH - Three Day ☐	NY ASP A Package ___
E-Mail Address: rrosenbaum@libertyenviro.com	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY✓ NJ___	RUSH - Four Day ☐	NY ASP B/CLP Pkg ✓
				Standard(5-7 Days) ✓	NJDEP Reduced ___
					Electronic Deliverables:
					EDD (Specify Type) ___
					Standard Excel ___
					Regulatory Comparison Excel ___

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Raphael Rosenbaum
Name (printed)

Air Matrix Codes

AI - INDOOR Ambient Air
AO- OUTDOOR Amb. Air
AE- Vapor Extraction Well/ Process Gas/Effluent
AS- SOIL Vapor/Sub-Slab

Additional Notes:

Please enter the following Field Data

Detection Limits Required

≤ 1 ug/m³ ___
NYSDEC VI Limits ___
(VI = vapor instrusion)
NJDEP low level ___
Routine Survey ___
Other ___

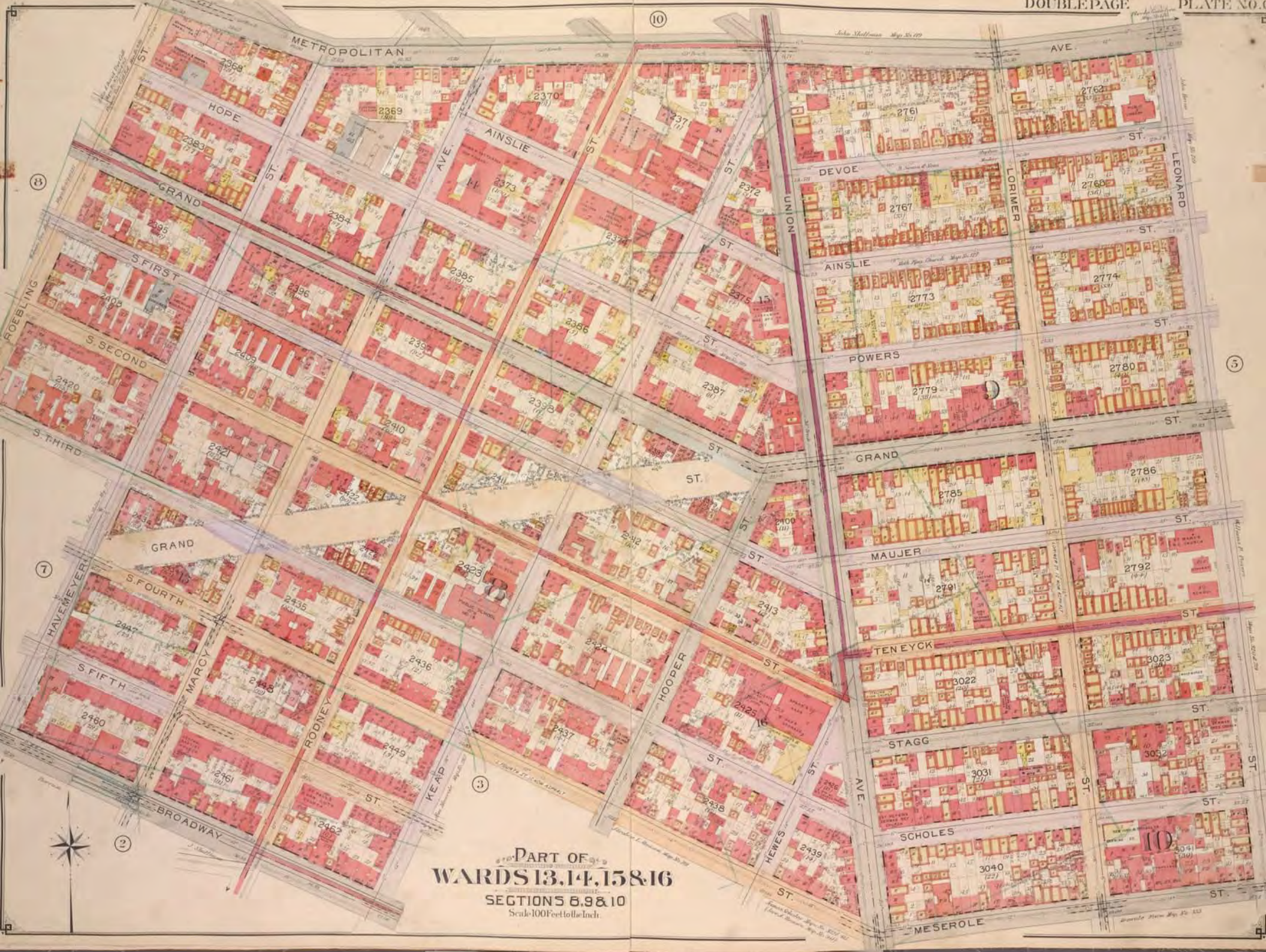
Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Canister ID	Flow Cont.ID	ANALYSES REQUESTED	Sampling Media
~~GP-4 (0-3)~~	~~1/21/16~~							~~6 Liter canister~~ ✓ Tedlar Bag
~~GP-4 (13-15)~~			(RR)				Volatile organic Compound	~~6 Liter canister~~ ✓ Tedlar Bag
GP-4	1/25/16	AS	~~>30~~ 29	10"	1563	7609	EPA TO-15 Full List	6 Liter canister ✓ Tedlar Bag
GP-6	1/25/16	AS	>30"	10"	Y56	Y-3		6 Liter canister ✓ Tedlar Bag
GP-6 Duplicate	1/25/16	AS	24"	0"	Y73	7364		6 Liter canister ✓ Tedlar Bag
GP-7	1/25/16	AS	>30"	5"	16973	7269		6 Liter canister ✓ Tedlar Bag
GP-6 Duplicate 2	1/25/16	AS	>30"	12.5"	16955	Y-17		6 Liter canister ✓ Tedlar Bag
								6 Liter canister ___ Tedlar Bag
								6 Liter canister ___ Tedlar Bag
								6 Liter canister ___ Tedlar Bag

Comments

Samples Relinquished By	Date/Time 1/25/16 11:55
Samples Relinquished By	Date/Time
Samples Received By	Date/Time 1/25/16 11:55
Samples Received in LAB by	Date/Time 1/25/16 1819

Appendix G
Historical Maps


METROPOLITAN AVE.
HOPE ST.
GRAND ST.
S. FIRST ST.
S. SECOND ST.
S. THIRD ST.
GRAND ST.
S. FOURTH ST.
S. FIFTH ST.
BROADWAY
ROEBLING ST.
HAVEMEYER ST.
MARCY AVE.
RODNEY ST.
KEAP ST.
HOOPER ST.
HEWES ST.
UNION AVE.
AINSLIE ST.
DEVOE ST.
LORIMER ST.
LEONARD ST.
POWERS ST.
MAUJER ST.
TEN EYCK ST.
STAGG ST.
SCHOLES ST.
MESEROLE ST.
PART OF
WARDS 13, 14, 15 & 16
SECTIONS 8, 9 & 10
Scale 100 Feet to the Inch.

81
83
80
79
STREET
LORIMER
SKILLMAN AVENUE
CONSELYEA STREET
NORTH SECOND STREET
AVENUE
UNION
STREET
Lorimer St
Scholes St
Grove St
LORIMER
POWERS STREET
GRAND STREET
AVENUE
MAUGER STREET
TEN EYCK STREET
STAGG STREET
SCHOLS STREET
AVENUE
FEWES STREET Late Twelfth St.
UNION
STREET
STREET
STREET
STREET
LORIMER
AINSLIE STREET
DEVOE STREET
NORTH SECOND STREET
UNION
Hope St
Meeker St
GRAND STREET
SOUTH FIRST
SOUTH SECOND
SOUTH THIRD
HOOPER STREET Late Eleventh St.
KEAP STREET Late Tenth St.
TENTH
STREET