346 WEST 40TH STREET

NEW YORK, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: 14CVCP247M

OER Project Number: 11EH-N306M

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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 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
SCO	Soil Cleanup Objective
SPEED	Searchable Property Environmental Electronic Database

CERTIFICATION

I, Mark Robbins, 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 346 West 40th Street Site, (OER Project #11EH-N306M and NYC VCP Site No. 14CVCP247M). 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.

Mark Robbins	4/18/2014	
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 346 West 40th Street in the Garment District in New York, New York and is identified as Block 763 and Lot 67 on the New York City Tax Map. **Figure 1** shows the Site location. The Site is 9,875-square feet and is bounded by West 40th Street to the northeast, a 32-story commercial and office building to the southeast, a 14-story commercial and office building to the southwest and a 19-story and a 5-story residential building and a 6-story commercial and office to the northwest. A map of the site boundary is shown in **Figure 2** Currently, the Site is used for is used as a 6-story parking garage with a partial cellar beneath the northwestern portion of the building.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of a new 35-story hotel with a full cellar and an open space rear yard. The ground floor built area will be approximately 7,139 square feet. The open space rear yard will be 1,930 square feet. The open space yard will be established over unexcavated soil on a 6-inch concrete slab on grade. The cellar will be utilized as a mechanical room and hotel amenities use such as fitness center, meeting room, linen room, and public bathrooms. The proposed construction will require excavation to 15 feet 10 inches for the layout of cellar foundations in addition to an elevator pit excavation to 27 feet 8 inches. The cellar slab will consist of a 42-inch concrete matt slab installed on top of a 4-inch thick gravel bed and the elevation of top of cellar floor will be approximately 12 feet below grade.

Summary of Past Uses of Site and Areas of Concern

Based upon the review of the Fire Insurance Maps and Regulatory Agency documents from the Phase I Environmental Site Assessment (ESA) Reports prepared by Hydro Tech Environmental Corp. in November 2013 a Site history was established. The Site was occupied by a church and dwellings between 1890 and 1911. In addition, a brush and broom manufacturing use was listed in the northern portion of the Site during 1911. The Site was utilized as a store during 1930. The Site was then redeveloped with a 6-story building utilized as a parking garage between 1950 and until most recently.

The AOCs identified for this site include:

- The historic use of the Site as a manufacturing facility;
- The suspect presence of three (3) underground storage tanks (USTs).

Summary of the Work Performed under the Remedial Investigation

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Performed a Ground Penetrating Radar (GPR) survey throughout the entire Site;
3. Installed seven (7) soil borings across the entire project Site, and collected fourteen (14) soil samples for chemical analysis from the soil borings to evaluate soil quality;
4. Installed three (3) groundwater monitoring wells throughout the Site and collected one (1) groundwater sample for chemical analysis to evaluate groundwater quality. Two of monitoring wells indicated free petroleum product;
5. Installed four (4) soil vapor probes around Site perimeter and collected three (3) samples for chemical analysis. One (1) soil vapor probe was not sampled due to sampling equipment malfunction;
6. One (1) outdoor air sample was collected for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property is 36 feet.
2. Depth to groundwater at the Site is approximately 16.55 feet.

3. Groundwater flow direction was not determined for the site as a result of LNAPL presence in two piezometric wells installed at the property.

4. Depth to bedrock is approximately 28 feet at the Site.

5. The stratigraphy of the Site, from surface down to about 13-ft bgs, is classified as fill consisting of a mixture of gravel, sand, silt, clay, bricks, concrete, and possibly other construction debris. The fill is uncontrolled and is classified as Class 7 in accordance with the New York City Building Code (NYCBC 2008). The fill layer is underlain by a layer of glacial till ranging in depth between 13 feet and 28 feet bgs (brown fine grained sand with varying amount of silt and gravel). The glacial till layer is underlain by rock, which was encountered a depths ranging between 28- to 30.5-ft bgs. The rock consists of medium hard to hard mica schist with recovery (NYCBC classifications of 1a and 1b).

6. Soil/fill samples collected during the remedial investigations were compared to the 6NYCRR Part 375 Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs) as well as to Track 2 Restricted Commercial Use SCOs. RI results showed VOCs including 1,2,4-Trimethylbenzene (max. 390 mg/kg or ppm) 1,3,5-Trimethylbenzene (max. 130 ppm), benzene (max. 12 ppm), ethylbenzene (max. 250 ppm), n-propylbenzene (max. 74 ppm), naphthalene (max. 83 ppm), n-butylbenzene (max. 39 ppm), o-xylene (max. 320 ppm), m,p-xylene (max. 910 ppm) and toluene (max. 670 ppm), were detected in 6 deep samples at concentrations that exceeded Unrestricted Use SCOs. Of these VOCs 1,2,4-Trimethylbenzene, xylenes and toluene also exceeded Track 2 Restricted Commercial Use SCOs. Highest concentrations of petroleum related VOCs were detected in three deep samples surrounding the area of suspected USTs. Methylene chloride (max. 43 ppm) was also detected in 1 deep soil sample at a concentration exceeding the Track 1 SCO. No other chlorinated VOCs including PCE and its degradation product were found in any shallow or deep soil samples. SVOC's consisting of PAH compounds were detected in 3 shallow and 6 deep soil samples at low levels and below Track 1 SCOs. Pesticides occurred in 1 deep soil sample at a low concentration below Track 1 SCO. PCBs were not detected in any soil samples. Metals were detected in both shallow and deep soils and included chromium trivalent (max. 32 ppm), lead (max. 299 ppm), mercury (max. 0.45 ppm) and zinc (max. 119 ppm), detected in 6 shallow soil samples at

concentrations that exceeded the Track 1 Residential SCOs. Concentrations and distribution of contaminants in soil indicates disposal from unknown USTs.

7. Groundwater samples collected during the RI showed several petroleum related VOCs detected above New York State 6NYCRR Part 703.5 Groundwater Quality Standards (GQS) and included 1,2,4-Trimethylbenzene (110 µg/L) 1,3,5-Trimethylbenzene (75 µg/L), benzene (2000 µg/L), ethylbenzene (280 µg/L), isopropylbenzene (46 µg/L), n-propylbenzene (max. 73 µg/L), naphthalene (260 µg/L), n-propylbenzene (73 µg/L), m,p-xylene (260 µg/L) and Toluene (110 µg/L). Chlorinated VOCs were not detected in groundwater. Two SVOCs including 2-methylnaphthalene at 47 µg/L and naphthalene at 182 µg/L were detected in the groundwater. No Pesticides or PCBs were detected in the groundwater sample collected at the Site. Several metals were identified and barium, magnesium, manganese, selenium, and sodium were detected above GQS and appear to be associated with area-wide impact of brackish water.

8. Two of three groundwater monitoring wells indicated free petroleum product and were not analyzed. Additional groundwater investigation is proposed under the authority of NYSDEC Spills.

9. Soil vapor results collected during the RI were compared to the compounds listed in Table 3.1 Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006. Soil vapor samples showed petroleum related and associated derivatives in all three soil vapor samples. The concentrations of BTEX compounds range from 80 $\mu g/m^3$ to 4,681 $\mu g/m^3$. Highest reported concentrations were for p-&m-xylene at 1500 $\mu g/m^3$. BTEX and associated compounds were also detected in the outdoor air sample collected during the RI at a maximum of 46 $\mu g/m^3$. Chlorinated hydrocarbons were detected at low concentrations. Tetrachloroethylene (PCE) was detected at a maximum concentration of 22 $\mu g/m^3$ and trichloroethylene (TCE) was detected at a maximum concentrations of 8.5 $\mu g/m^3$. Methylene chloride (max. of 53 $\mu g/m^3$) was also detected in soil vapor samples. Highest concentrations of petroleum related compounds (SV4) were detected in the area of suspected USTs.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

McSam Hotel Group, LLC has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.22-acre site located at 346 West 40th Street in neighborhood section of Garment District, New York. Commercial use is proposed for the property. The RI work was performed between March 17 and 19, 2014. 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 346 West 40th Street in the Garment District in New York, New York and is identified as Block 763 and Lot 67 on the New York City Tax Map. **Figure 1** shows the Site location. The Site is 9,875-square feet and is bounded by West 40th Street to the northeast, a 32-story commercial and office building to the southeast, a 14-story commercial and office building to the southwest and a 19-story and a 5-story residential building and a 6-story commercial and office to the northwest. A map of the site boundary is shown in **Figure 2** Currently, the Site is used for is used as a 6-story parking garage with a partial cellar beneath the northwestern portion of the building.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of a new 35-story hotel with a full cellar and an open space rear yard. The ground floor built area will be approximately 7,139 square feet. The open space rear yard will be 1,930 square feet. The open space yard will be established over unexcavated soil on a 6-inch concrete slab on grade. The cellar will be utilized as a mechanical room and hotel amenities use such as fitness center, meeting room, linen room, and public bathrooms. The proposed construction will require excavation to 15 feet 10 inches for the layout of cellar foundations in addition to an elevator pit excavation to 27 feet 8 inches. The cellar slab will consist of a 42-inch concrete matt slab installed on top of a 4-inch thick gravel bed and the elevation of top of cellar floor will be approximately 12 feet below grade. Layout of the

proposed site development is presented in **Figure 3**. The current zoning designation is C6-4M-Garment Center Special District Preservation Area P2. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The Site is located in a Special Purpose District. Within a 500 feet radius of the Site, there are a variety of land uses including: residential (multi-story residential apartments), commercial, offices, public institutions and public transportation. Properties located within a 1/4-mile radius of the Site are zoned R8, R8A, (general residential districts) and C1-1A, C1-5, C2-8, C6-3, C6-4, C6-4M, C6-5, C6-6, C6-7, C1-7A, C2-2, C2-3 and C8-2 (general commercial districts) and M1-5 and M1-6 (light manufacturing districts). Within 250 feet radius of the Site, no sensitive receptor is identified. The land uses include residential buildings, commercial uses and public transportation facilities. **Figure 4** shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Based upon the review of the Fire Insurance Maps and Regulatory Agency documents from the Phase I Environmental Site Assessment (ESA) Reports prepared by Hydro Tech Environmental Corp. in November 2013 a Site history was established. The Site was occupied by a church and dwellings between 1890 and 1911. In addition, a brush and broom manufacturing use was listed in the northern portion of the Site during 1911. The Site was utilized as a store during 1930. The Site was then redeveloped with a 6-story building utilized as a parking garage between 1950 and until most recently.

2.2 Previous Investigations

Previous investigations performed at the Site include the following:

- Phase I Environmental Site Assessment, November 2013, Hydro Tech Environmental, Corp.

2.3 Site Inspection

Ezgi Karayel of Hydro Tech performed the site inspection on September 21, 2013. The reconnaissance included a visual inspection of the Site. At the time of the inspection, the Site was utilized as a parking garage.

2.4 Areas of Concern

The AOCs identified for this site include:

- The historic use of the Site as a manufacturing facility;
- The suspect presence of three (3) underground storage tanks (USTs).

Phase I ESA Report is presented in **Appendix A**. A map showing areas of concern is presented in **Figure 5**.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Mark Robbins.

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.

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 scope of work implemented by Hydro Tech included:

1. Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Performed a Ground Penetrating Radar (GPR) survey throughout the entire Site;
3. Installed seven (7) soil borings across the entire project Site, and collected fourteen (14) soil samples for chemical analysis from the soil borings to evaluate soil quality;
4. Installed three (3) groundwater monitoring wells throughout the Site and collected one (1) groundwater sample for chemical analysis to evaluate groundwater quality;
5. Installed four (4) soil vapor probes around Site perimeter and collected three (3) samples for chemical analysis. One (1) soil vapor probe was not sampled due to sampling equipment malfunction;
6. One (1) outdoor air sample was collected for chemical analysis.

Photographs were taken during RI activities and are provided in **Appendix B**.

4.1 Geophysical Investigation

The survey was performed over a grid pattern that was determined immediately prior to the survey. The GPR operator wheeled the antenna over the predetermined grid. The GPR takes one "scan" per set unit. The number of scans per unit is based upon the estimated size of targets. As each scan is performed, the antenna emits specific radar amplitude into the subsurface. The amplitude of the radar reflected back to the antenna is based upon the differences in the dielectric constants of the subsurface materials. The differences in amplitude obtained during each scan are graphically displayed on the Control Unit, which are then interpreted by the GPR operator. Additional interpretations are then conducted in the office using computer software.

The GPR survey was performed successfully over the entire Site. No anomalies indicative of suspect USTs were identified during the GPR survey. **Appendix C** includes the GPR summary report.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

A total of seven (7) soil probes were installed and sampled at the Site. Six (6) soil probes designated SP-1 to SP-6 were installed in the building slab on-grade to the depth of 15 feet bgs except for SP-4 which was installed to 14 feet bgs due to the presence of refusal. Soil probe SP-7 was installed in the partial cellar of the building to approximately 8 feet below the partial cellar slab. All soil probes were installed utilizing Hydro Tech's fleet of Geoprobe® fitted with Geoprobe® tooling and sampling equipment. Soil samples were collected utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners. Each Macro Core was cut open and immediately screened with a Photo Ionization Detector (PID) for VOCs, prior to collecting the required samples for laboratory analysis. The soil was screened and characterized at two-foot intervals. Continuous soil samples were collected during soil probe installation.

Boring logs were prepared by a geologist are attached in **Appendix D**. A map showing the location of soil borings is shown in **Figure 6**.

Groundwater Monitoring Well Construction

Three (3) monitoring wells designated MW-1 to MW-3 were installed at the Site. All monitoring wells were installed to 25 feet bgs and were constructed of 1-inch diameter PVC. The well screens consist of 0.010-inch slots extended up 15 feet from the bottom of each well. The remaining portion of each of these wells consisted of a riser.

Monitoring wells construction logs are attached in **Appendix E**. Groundwater sampling log with information on purging and sampling of groundwater monitor well is included in **Appendix F**. A map showing the location of monitoring wells is shown in **Figure 6**.

Survey

A land survey was used to identify the location of all soil borings and monitor wells.

Water Level Measurement

Prior to groundwater purging and sampling of monitoring wells, the wells were gauged for the presence of Light, Non-aqueous Phase Liquid (LNAPL) and also monitored to determine the depth to groundwater. The well gauging and monitoring was performed utilizing a Solinst® 122 Oil/Water Interface Probe (Interface Probe). The Interface Probe can measure depths to water to 0.01 inch. Well gauging and monitoring was performed in each well from the northern portion of the casing top.

The well gauging exercise identified LNAPL in two (2) monitoring wells at the Site. Product thickness was 0.03 feet in MW-2 and 0.78 feet in MW-3.The NYSDEC spill hotline was contacted to report this finding as a spill. The NYSDEC issued the spill number 1312014 to the Site.

Well monitoring data is included in **Table 1**.

Soil Vapor Boring Construction

Four (4) soil vapor probes designated SV-1 through SV-4 were installed during the remedial investigation. All soil vapor probes were installed to 10 feet bgs. The soil vapor probes were installed in accordance with the NYSDOH guidance for evaluating soil vapor intrusion dated October 2006. Each soil vapor sampling point consisted of a stainless steel screen, or implant, fitted with dedicated polyethylene tubing. Each of the implants is of 1½-inch diameter and was installed to nine feet bgs. Glass beads were poured into the hole to fully encompass the screen implant and the hole was sealed with bentonite and quick dry-lock non-VOC quick set cement. A map showing the locations of soil vapor borings is shown in **Figure 6**.

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, stressed vegetation, drainage patterns, 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

Fourteen (14) soil samples were collected from the soil-borings on-Site for laboratory analysis; these included six (6) shallow soil samples from zero to 2 feet bgs, one (1) shallow soil sample from zero to 2 feet below the partial cellar slab which corresponds to 10 to 12 feet bgs, six (6) soil deep soil sample from 10 to 12 feet bgs and one (1) deep soil sample from 6 to 8 feet below the partial cellar slab which corresponds to 14 to 16 feet bgs. Samples were collected utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners.

All samples were properly handled and placed into the appropriately labeled containers. One field blank sample and one trip blank were collected and submitted to the laboratory as specified in the work plan. The samples were placed in a cooler filled with ice and maintained at a maximum 4 degrees Celsius. All samples were transmitted under proper chain of custody

procedures to a State-certified (ELAP) laboratory for confirmatory laboratory analyses. All holding times were met. The laboratory did not report any irregularities with respect to their internal Quality Assurance/Quality Control.

Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in **Table 2**. **Figure 6** shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

Groundwater Sampling

Due to the presence of free product detected in 2 of the monitoring wells, only one (1) groundwater sample was collected for chemical analysis during this RI. Groundwater sample from the monitoring well was collected using the low stress (low flow) purging and sampling procedure. The low flow was accomplished with a Solinst Model 410 Peristaltic Pump and the continuous flow was monitored with a Horiba-22 water quality monitor until the readings had stabilized.

All water samples were collected in laboratory supplied jars, properly labeled with the sample number , the date and time of sampling, the analytical requirements, and then placed on ice for the duration of the sampling and transport to the laboratory. A chain of custody form was completed at the time of sampling and maintained until disposition of the samples at the laboratory.

Groundwater sample collection data is reported in **Table 3**. **Figure 6** shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Soil Vapor Sampling

Three (3) soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in **Figure 6**. Soil vapor sample collection data is reported in **Table 4**. Soil vapor sampling logs are included in **Appendix G**. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006.*

A soil vapor sample from each vapor probe was collected utilizing 6 liter pre-cleaned, passivated, evacuated whole air Summa® Canister. In order to insure the integrity of the borehole seal and to verify that ambient air is not inadvertently drawn into the sample, a tracer gas, Helium, was used to enrich the atmosphere in the immediate vicinity of the sampling location.

Plastic sheeting was used to keep the tracer gas in contact with the soil vapor probe during the sampling while continuously monitoring air drawn from the implant with a helium detector (Dielectric Model MGD-2002, Multi-gas Detector). Helium Detector readings did not exceed zero ppm indicating Helium was not detected. Following verification that the surface seal was tight and prior to soil vapor sampling, approximately 0.3 ml of air was purged out of all vapor points utilizing a syringe.

One (1) outdoor air sample AO was collected at the same time as the soil vapor samples utilizing 6-liter Summa Canister.

The Summa Canisters were calibrated for 4 hours and the soil vapor sampling was run on each canister for the duration of 4 hours. The initial vacuum (inches of mercury) and start time was recorded immediately after opening each Summa Canister. After the sampling was complete, the final vacuum and top time was recorded. After the soil vapor sampling, each Summa was labeled and sent to a laboratory certified to perform air analysis in New York State.

Chemical Analysis

Chemical analytical work presented in this RIR has been performed in the following manner:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Mark Robbins
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and were York Analytical Laboratories, Inc.

Factor	Description
Chemical Analytical Methods	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); Groundwater 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); Soil vapor and outdoor analytical methods: • VOCs by TO-15 VOC parameters..

Results of Chemical Analyses

Laboratory data for soil, groundwater and soil vapor are summarized in **Table 2**, **3** and **4**. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in **Appendices,**

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

The Site is located in the southern portion of New York County, New York. The elevation of the Subject Property is approximately 36 feet above mean sea level (USGS 7 ½-Minute Jersey City, New York – New Jersey Quadrangle, 1969, Photo revised 2011).

Stratigraphy

The stratigraphy of the Site, from surface down to about 13-ft bgs, is classified as fill consisting of a mixture of gravel, sand, silt, clay, bricks, concrete, and possibly other construction debris. The fill is uncontrolled and is classified as Class 7 in accordance with the New York City Building Code (NYCBC 2008). The fill layer is underlain by a layer of glacial till ranging in depth between 13 feet and 28 feet bgs (brown fine grained sand with varying amount of silt and gravel). The glacial Till layer is underlain by rock, which was encountered a depths ranging between 28- to 30.5-ft bgs. The rock consisted on medium hard to hard mica schist with recovery (NYCBC classifications of 1a and 1b). Geotechnical report describing subsurface conditions is presented in **Appendix A**.

Hydrogeology

A table of water level data for monitor wells is included in **Table 1**. The depth to groundwater beneath the Site is determined at approximately 16.55 feet. Groundwater flow beneath the site could not be determined with a single groundwater elevation obtained from one monitoring well only.

5.2 Soil Chemistry

Soil/fill samples collected during the RI showed VOCs including 1,2,4-Trimethylbenzene (max. 390 mg/kg or ppm) 1,3,5-Trimethylbenzene (max. 130 ppm), benzene (max. 12 ppm), ethylbenzene (max. 250 ppm), n-propylbenzene (max. 74 ppm), naphthalene (max. 83 ppm), n-butylbenzene (max. 39 ppm), o-xylene (max. 320 ppm), m,p-xylene (max. 910 ppm) and Toluene (max. 670 ppm), were detected in 6 deep (SP-1 to SP-6) samples at concentrations that exceeded Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs), and of which, 1,2,4-Trimethylbenzene and xylenes in 3 samples (SP-2, SP-5 and SP-6), and Toluene in one sample

(SP-5) also exceeded Track 2 Restricted Commercial SCOs (RSCOs). None of these VOCs were detected in the soil boring installed in the partial cellar (SP-7). Methylene chloride (max. 43 ppm) was detected in 1 deep soil sample at a concentration exceeding the Track 1 SCO and this VOC was also reported in the analysis of laboratory batch blank. No other chlorinated VOCs including PCE and its degradation product were found in any shallow or deep soil samples. SVOC's consisting of PAH compounds and are attributed to the presence of historic fill material at the property were detected in 3 shallow and 6 deep soil samples at low levels and below Track 1 SCOs. Pesticides occurred in 1 deep soil sample at a low concentration below Track 1 SCO. PCBs were not detected in any soil samples. Metals were detected in both shallow and deep soils at the Site. Metals including chromium trivalent (max. 32 ppm), lead (max. 299 ppm), mercury (max. 0.45 ppm) and zinc (max. 119 ppm) were detected in 6 shallow soil samples at concentrations that exceeded the Track 1 Residential SCOs.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 2**. **Figures 7** through **8** show the location and post the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 1 and Track 2 Soil Cleanup Objectives.

5.3 Groundwater Chemistry

Groundwater samples collected during the RI showed several petroleum related VOCs detected above New York State 6NYCRR Part 703.5 Groundwater Quality Standards (GQS) and included 1,2,4-Trimethylbenzene (110 µg/L) 1,3,5-Trimethylbenzene (75 µg/L), benzene (2000 µg/L), ethylbenzene (280 µg/L), isopropylbenzene (46 µg/L), n-propylbenzene (max. 73 µg/L), naphthalene (260 µg/L), n-propylbenzene (73 µg/L), m,p-xylene (260 µg/L) and Toluene (110 µg/L).. Chlorinated VOCs were not detected in groundwater. Two SVOCs including 2-methylnaphthalene at 47 µg/L and naphthalene at 182 µg/L were detected in the groundwater. No Pesticides or PCBs were detected in the groundwater sample collected at the Site. Dissolved metals including barium (max. 1,540 µg/L), magnesium (max. 50,700 µg/L), manganese(max. 6,330 µg/L), selenium (max. 18 µg/L), and sodium (max. 281,000 µg/L) were detected above GQS and appear to be associated with area-wide impact of brackish water.

Additional off-Site groundwater investigation is being performed to evaluate groundwater contamination and extent of petroleum plume. A summary table of data for chemical analyses

performed on groundwater samples is included in **Table 3**. **Figures 9** to **10** show the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards.

5.4 Soil Vapor Chemistry

Soil vapor results collected during the RI were compared to the compounds listed in Table 3.1 Air Guideline Values Derived by the NYSDOH located in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion dated October 2006. Soil vapor samples showed petroleum related and associated derivatives in the 3 soil vapor samples. The concentrations of BTEX compounds range from 80 $\mu g/m^3$ to 4,681 $\mu g/m^3$. Highest reported concentrations were for p-&m- xylene at 1500 $\mu g/m^3$. Chlorinated hydrocarbons were detected at low concentrations. Tetrachloroethylene (PCE) was detected at a maximum concentration of 22 $\mu g/m^3$ and trichloroethylene (TCE) was detected at a maximum concentrations of 8.5 $\mu g/m^3$. TCE did not occur in any soil vapor sample, and PCE was detected well below the NYSDOH guidance value. Methylene chloride (max. 53 µg/m3) was also detected in soil vapor samples. BTEX and associated compounds were also detected in the outdoor air sample collected during the RI at a maximum of 46 $\mu g/m^3$. Highest concentrations of petroleum related compounds (SV4) were detected in the area of suspected USTs.

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 4**. **Figure 11** shows the location and posts the values for soil vapor samples with detected concentrations.

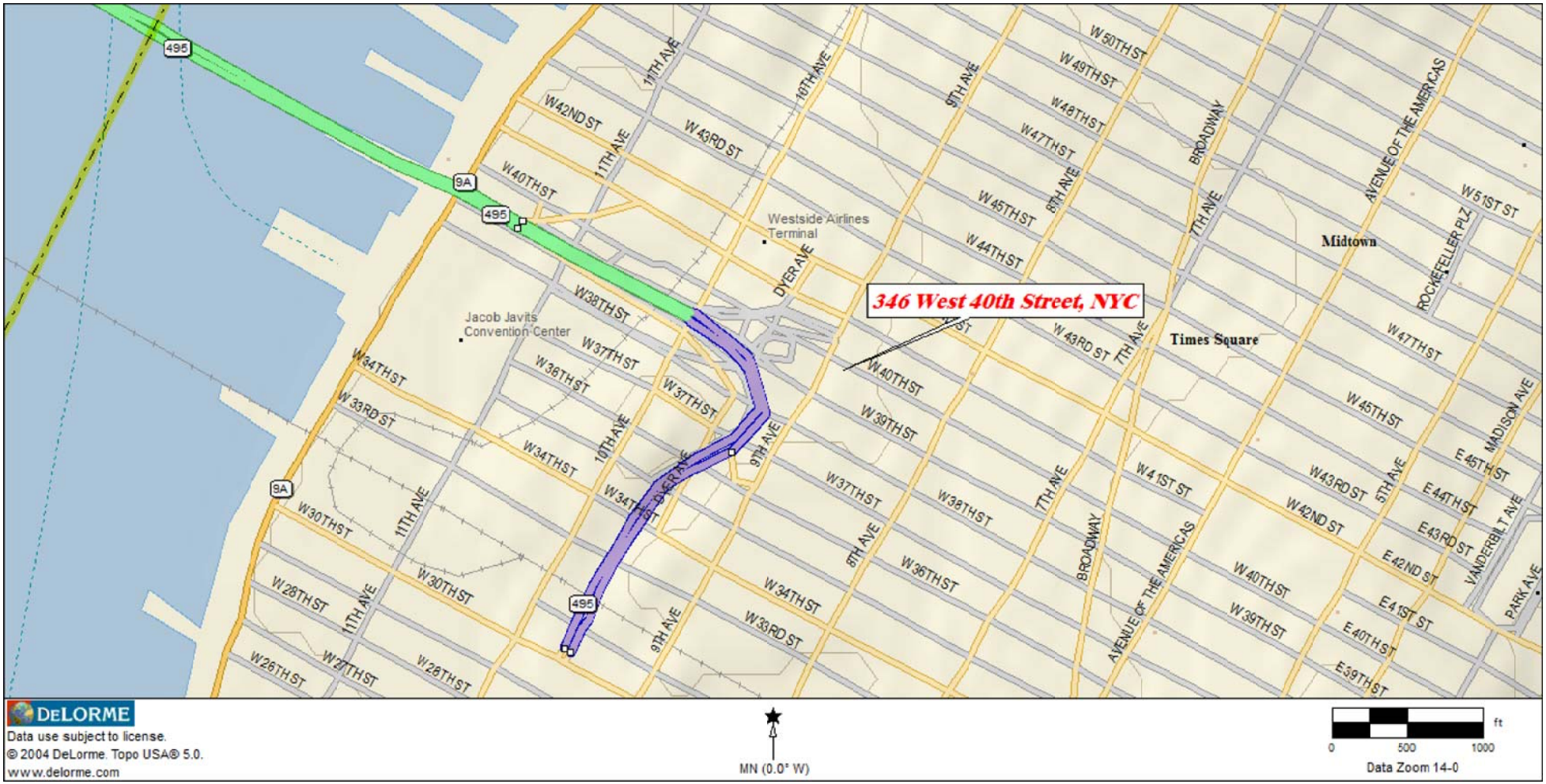
5.5 Prior Activity

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



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Reviewed By: M.R
Approved By: M.S
Date: 04/09/14
Scale: AS NOTED

TITLE:

FIGURE 1: SITE LOCATION MAP

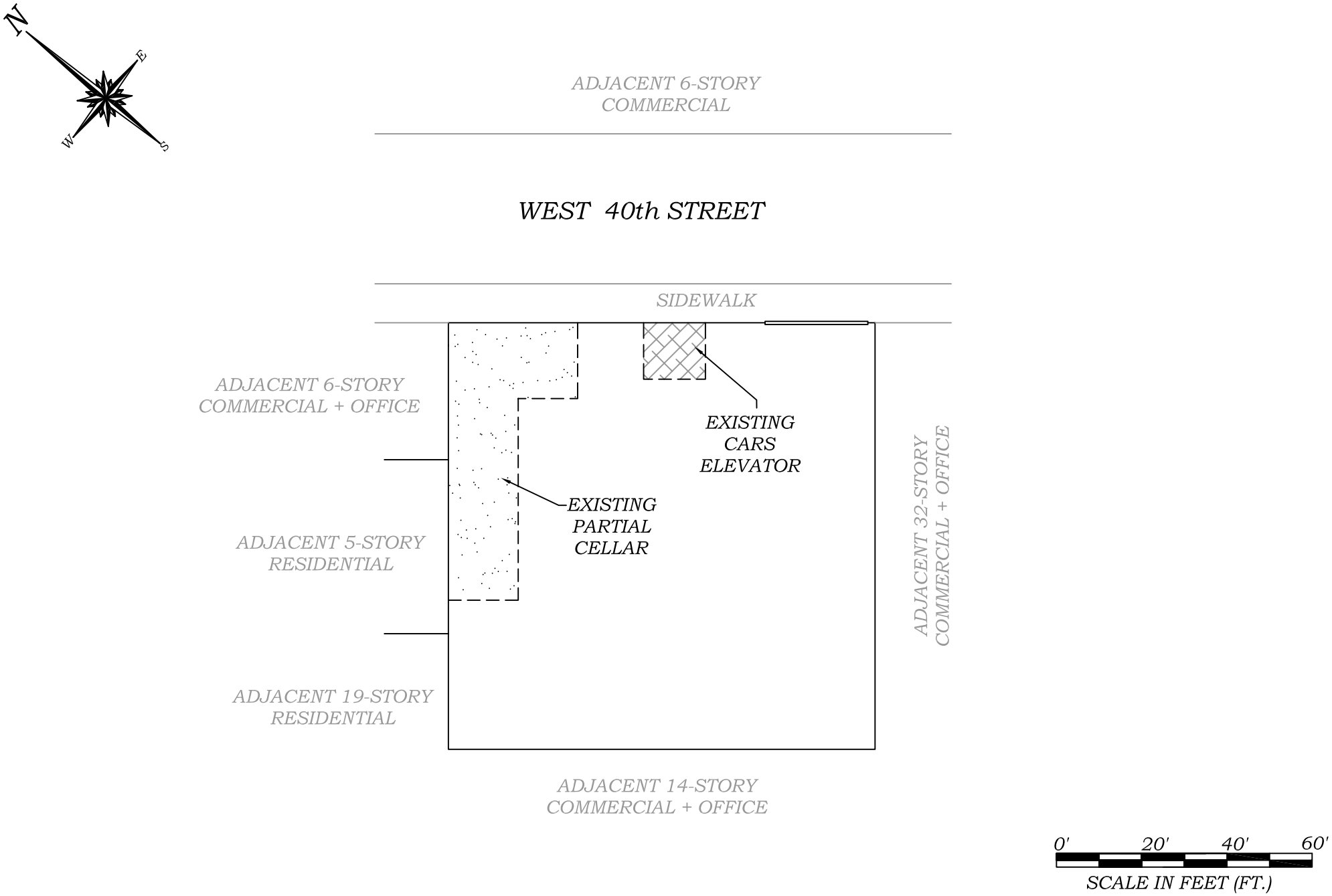

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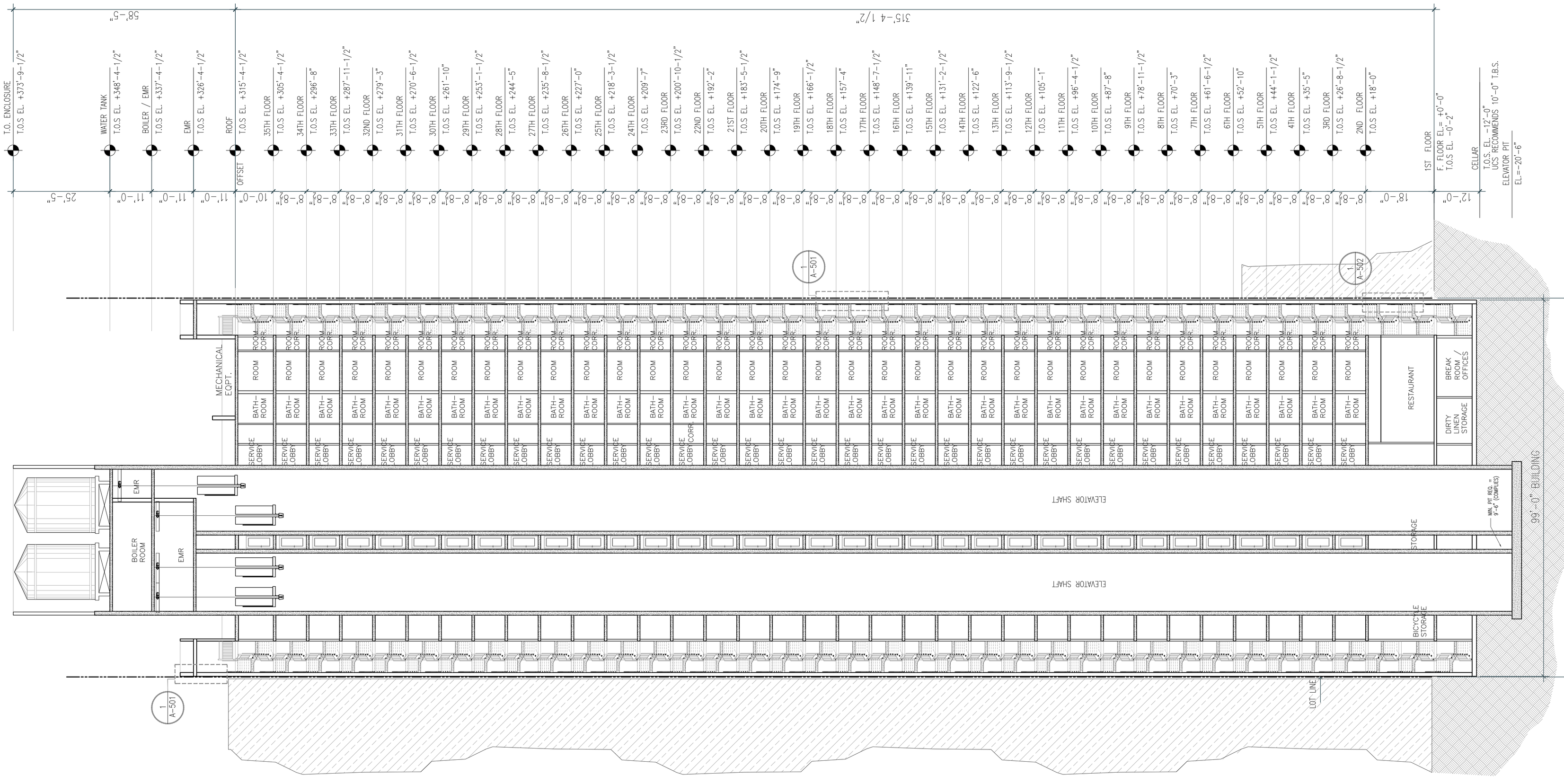
FIGURE 2: SITE BOUNDARY MAP

FIGURE 3 – PROPOSED DEVELOPMENT PLAN



1 BUILDING SECTION
1/16" = 1' - 0"

NORTH

THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ARCHITECTS. DO NOT SCALE THE DRAWINGS. THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL SIGNED BY THE CONSULTANTS.

REVISIONS:

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DOUBLETREE HOTEL

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01		
#	DATE	DESCRIPTION

ISSUED DRAWINGS:

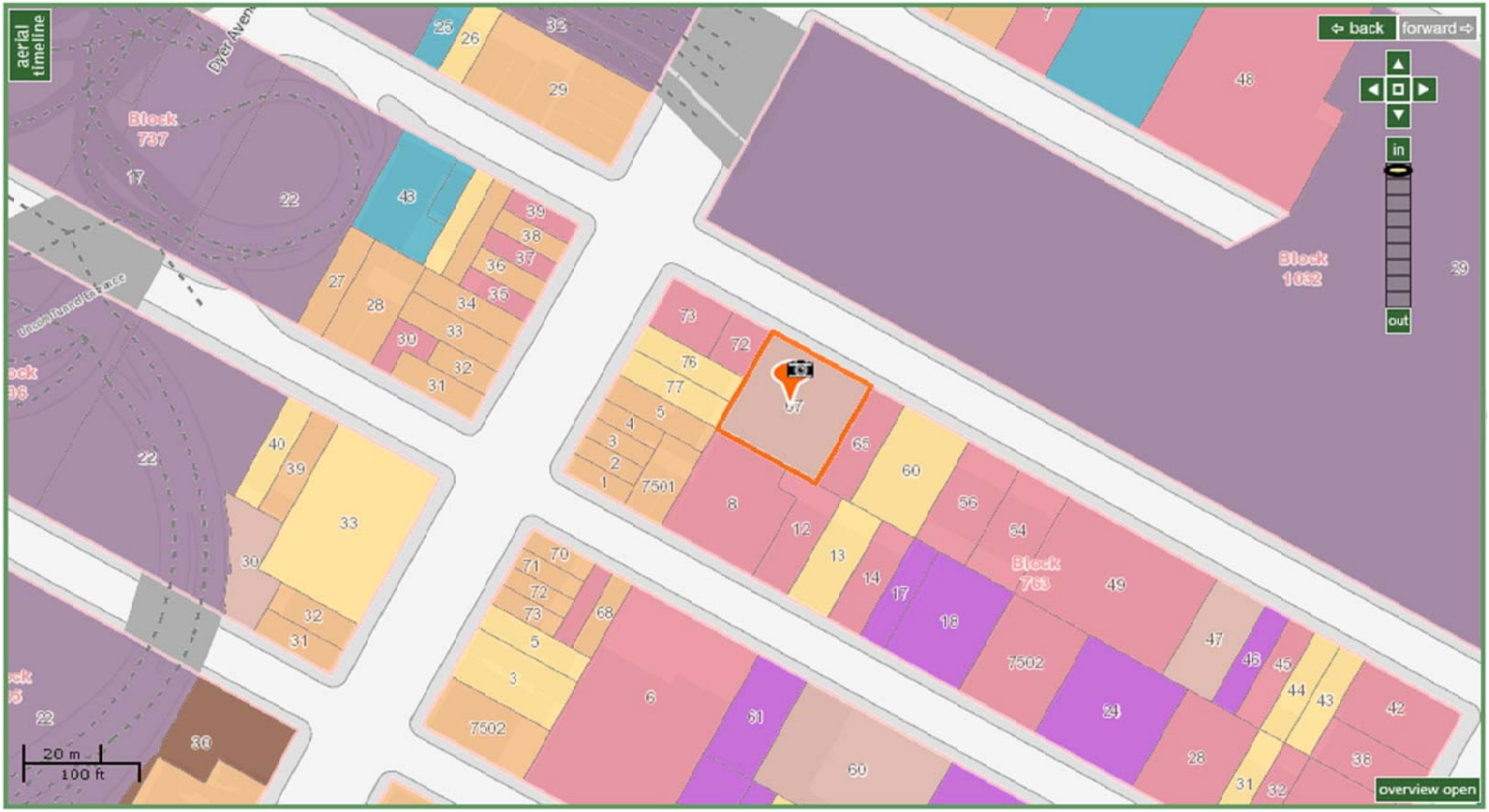
GENE KAUFMAN ARCHITECT PC
525 BROADWAY, NEW YORK, N.Y. 10012
TEL. (212) 625-8700 FAX. (212) 625-8867

350 WEST 40TH STREET
NEW YORK, NY

BUILDING SECTION

SEAL & SIGNATURE:

DATE: January 28, 2014
SCALE: AS NOTED
DRAWING NUMBER:
A-301.00



Land Use

All land use categories

2003 2005 2007 2009 2013

- 1 & 2 Family Residential
- Multi-family Residential
- Mixed Use
- Open space & outdoor recreation
- Commercial
- Institutions
- Industrial
- Parking
- Transportation / Utilities
- Vacant Lots

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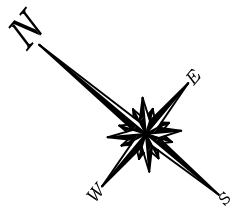
FIGURE 4: LAND USE MAP



ADJACENT 6-STORY
COMMERCIAL

WEST 40th STREET

CARS
ELEVATOR

SIDEWALK

PARTIAL
CELLAR

LOCATION OF
SUSPECT USTs

URBAN
BACKFILL
MATERIAL

ADJACENT 32-STORY
COMMERCIAL

ADJACENT 6-STORY
COMMERCIAL

ADJACENT 14-STORY
COMMERCIAL

LEGEND:

AREAS OF CONCERN

0' 20' 40' 60'

SCALE IN FEET (FT.)

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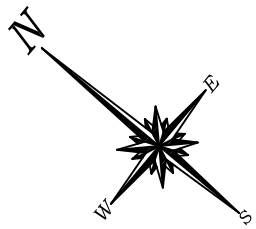
FIGURE 5: MAP OF AREAS OF CONCERN



ADJACENT 6-STORY COMMERCIAL

WEST 40th STREET

CARS ELEVATOR

SIDEWALK

AO

SP-7

SV-1

SP-1/MW-1

PARTIAL CELLAR

SP-2/MW-2

SP-5

SV-4

6-STORY COMMERCIAL BUILDING

SV-2

ADJACENT 32-STORY COMMERCIAL

ADJACENT 6-STORY COMMERCIAL

SP-6

SP-4

SP-3/MW-3

SV-3

ADJACENT 14-STORY COMMERCIAL

LEGEND:

- SOIL PROBE LOCATIONS (SP)
- SOIL PROBE / MONITORING WELL LOCATIONS (SP/MW)
- SOIL VAPOR PROBE LOCATION (SV)
- OUTDOOR AIR SAMPLE (AO)

0' 20' 40' 60'

SCALE IN FEET (FT.)

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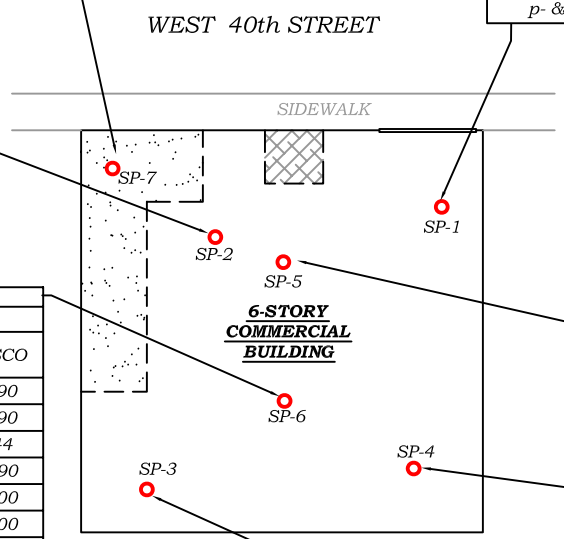
FIGURE 6: LOCATION OF SOIL BORINGS, WELLS AND SOIL VAPOR SAMPLES

SP-2				
Depth	0' - 2'	13' - 15'		
VOCs	mg/Kg	mg/Kg	USCO	RSCO
1,2,4-Trimethylbenzene	ND	140	3.6	190
1,3,5-Trimethylbenzene	ND	48	8.4	190
Ethyl benzene	ND	79	1	390
Naphthalene	ND	26	12	500
n-Butylbenzene	ND	14	3.9	500
n-Propylbenzene	ND	24	12	500
0-Xylene	ND	110	0.26	100
p- & m- Xylenes	ND	280	0.26	100
Toluene	ND	88	0.7	500

SP-7		
Depth	10' - 12'	14' - 16'
VOCs	NAS	ND

SP-1				
Depth	0' - 2'	13' - 15'		
VOCs	mg/Kg	mg/Kg	USCO	RSCO
1,2,4-Trimethylbenzene	ND	39	3.6	190
1,3,5-Trimethylbenzene	ND	14	8.4	190
Ethyl benzene	ND	11	1	390
p- & m- Xylenes	ND	45	0.26	100



SP-5				
Depth	0' - 2'	12' - 14'		
VOCs	mg/Kg	mg/Kg	USCO	RSCO
1,2,4-Trimethylbenzene	ND	350	3.6	190
1,3,5-Trimethylbenzene	ND	110	8.4	190
Benzene	ND	12	0.06	44
Ethyl benzene	ND	250	1	390
Naphthalene	ND	43	12	500
n-Propylbenzene	ND	64	12	500
0-Xylene	ND	320	0.26	100
p- & m- Xylenes	ND	910	0.26	100
Toluene	ND	670	0.7	500

SP-6				
Depth	0' - 2'	13' - 15'		
VOCs	mg/Kg	mg/Kg	USCO	RSCO
1,2,4-Trimethylbenzene	NAS	390	3.6	190
1,3,5-Trimethylbenzene	NAS	130	8.4	190
Benzene	NAS	12	0.06	44
Ethyl benzene	NAS	230	1	390
Naphthalene	NAS	83	12	500
n-Butylbenzene	NAS	39	3.9	500
n-Propylbenzene	NAS	74	12	500
0-Xylene	NAS	290	0.26	100
p- & m- Xylenes	NAS	700	0.26	100
Toluene	NAS	270	0.7	500

SP-4				
Depth	0' - 2'	13' - 15'		
VOCs	mg/Kg	mg/Kg	USCO	RSCO
1,2,4-Trimethylbenzene	NAS	7.20	3.6	190
Ethyl benzene	NAS	5.20	1	390
0-Xylene	NAS	6.90	0.26	100
p- & m- Xylenes	NAS	18	0.26	100
Toluene	NAS	7.30	0.7	500

SP-3				
Depth	0' - 2'	13' - 15'		
VOCs	mg/Kg	mg/Kg	USCO	RSCO
1,2,4-Trimethylbenzene	NAS	3.70	3.6	190
Ethyl benzene	NAS	1.80	1	390
0-Xylene	NAS	1.80	0.26	100
p- & m- Xylenes	NAS	6.70	0.26	100
Toluene	NAS	0.68	0.7	500

LEGEND:

- SOIL PROBE LOCATIONS (SP)
- VOCs — VOLATILE ORGANIC COMPOUNDS
- mg/Kg — MILLIGRAMS PER KILOGRAMS
- NAS — NONE ABOVE STANDARDS
- ND — NONE DETECTED
- USCO — UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
- RSCO — RESTRICTED USE SOIL CLEANUP OBJECTIVES
- GRAY SHADED VALUES EXCEED USCO
- BLUES SHADED VALUES EXCEED RSCO

0' 20' 40' 60'
SCALE IN FEET (FT.)

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Approved By: M.S
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Scale: AS NOTED

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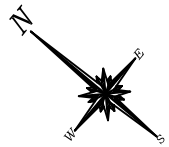
FIGURE 7: MAP OF VOCs IN SOIL

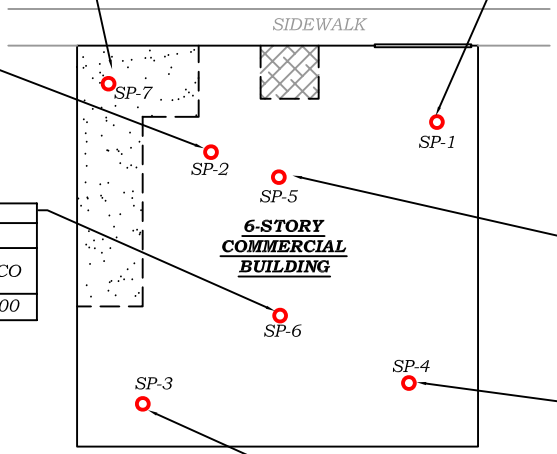


SP-1				
Depth	0' - 2'	13' - 15'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Chromium, Trivalent	32	NAS	30	180
Lead	180	NAS	63	1,000
Mercury	0.45	NAS	0.18	2.8
Zinc	119	NAS	109	10,000

SP-7		
Depth	10' - 12'	14' - 16'
METALS	NAS	ND

WEST 40th STREET

SP-2				
Depth	0' - 2'	13' - 15'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Lead	94.50	NAS	63	1,000



SP-5				
Depth	0' - 2'	12' - 14'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Lead	299	NAS	63	1,000

SP-6				
Depth	0' - 2'	13' - 15'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Lead	209	NAS	63	1,000

SP-4				
Depth	0' - 2'	13' - 15'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Lead	78.40	NAS	63	1,000
Mercury	0.33	NAS	0.18	2.8

SP-3				
Depth	0' - 2'	13' - 15'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Lead	70.60	NAS	63	1,000

LEGEND:

○	SOIL PROBE LOCATIONS (SP)
mg/Kg	MILLIGRAMS PER KILOGRAMS
NAS	NONE ABOVE STANDARDS
ND	NONE DETECTED
USCO	UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
RSCO	RESTRICTED USE SOIL CLEANUP OBJECTIVES
	GRAY SHADED VALUES EXCEED USCO

0' 20' 40' 60'

SCALE IN FEET (FT.)

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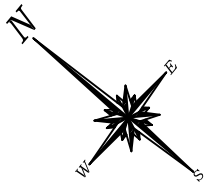
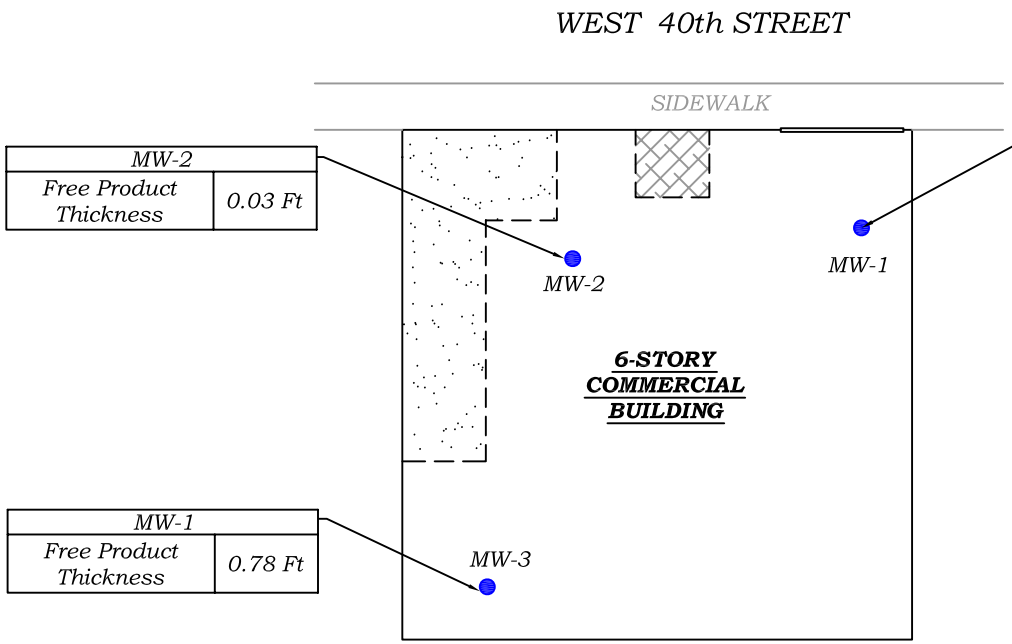
FIGURE 8: MAP OF METALS IN SOIL





MW-1		
VOCs	µg/L	GQS
1,2,4-Trimethylbenzene	110	5
1,3,5-Trimethylbenzene	75	5
Benzene	2,000	1
Ethyl benzene	280	5
Isopropylbenzene	46	5
Naphthalene	260	5
n-Propylbenzene	73	10
p- & m- Xylenes	260	5
Toluene	110	5

LEGEND:

- ● MONITORING WELL LOCATIONS (MW)
- VOCs VOLATILE ORGANIC COMPOUNDS
- µg/L MICROGRAMS PER LITER
- GQS GROUNDWATER QUALITY STANDARDS
- SHADED VALUES EXCEED GQS

0' 20' 40' 60'

SCALE IN FEET (FT.)

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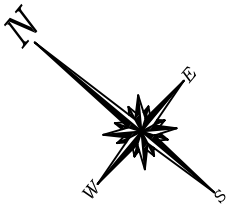
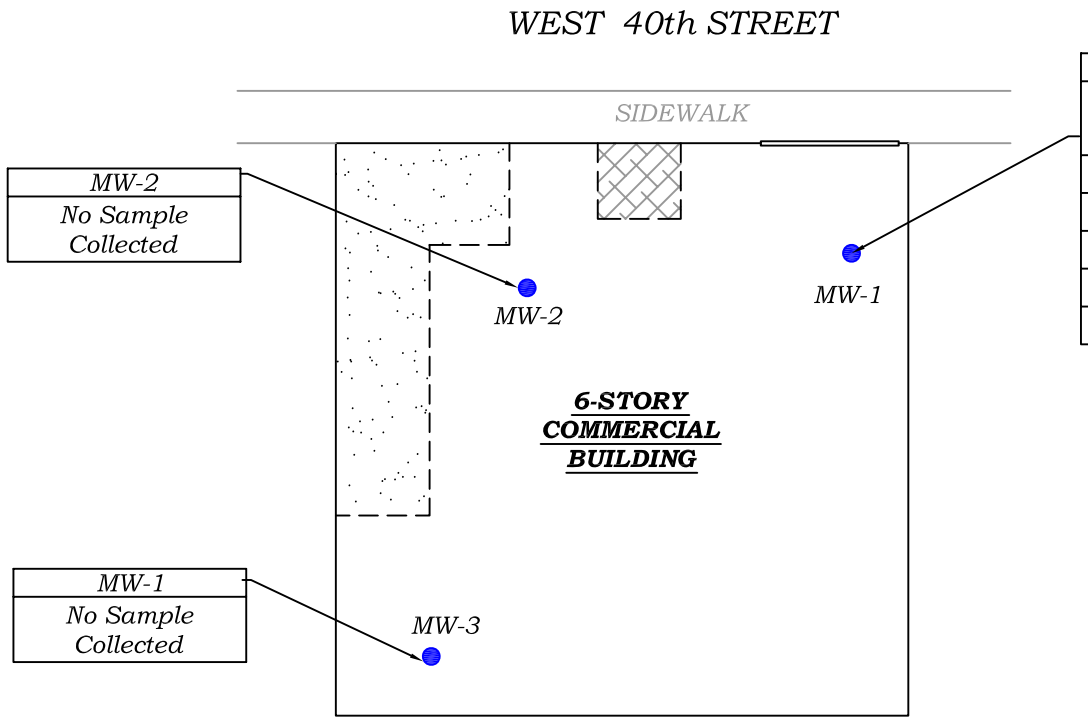
FIGURE 9: MAP OF VOCs IN GROUNDWATER





MW-1		
Dissolved METALS	µg/L	GQS
Barium	1,540	1,000
Magnesium	50,700	35,000
Manganese	6,330	300
Selenium	18	10
Sodium	281,000	20,000

LEGEND:

- ● MONITORING WELL LOCATIONS (MW)
- µg/L MICROGRAMS PER LITER
- GQS GROUNDWATER QUALITY STANDARDS
- SHADED VALUES EXCEED GQS

0' 20' 40' 60'

SCALE IN FEET (FT.)

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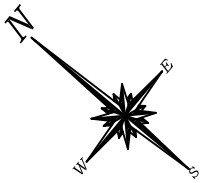
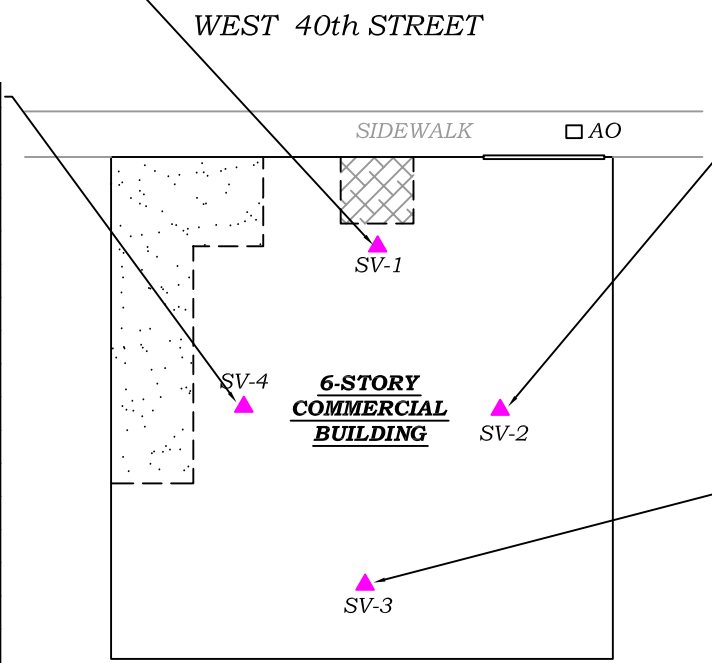
TITLE:

FIGURE 10: MAP OF DISSOLVED METALS IN GROUNDWATER



SV-1
No Sample Collected



SV-4	
VOCs	µg/m³
1,2,4-Trimethylbenzene	58
1,3,5-Trimethylbenzene	68
2-Butanone	7
Acetone	22
Carbon Disulfide	9.70
Chloroform	47
Cyclohexane	700
Ethyl Benzene	1,200
n-Heptane	410
n-Hexane	340
o-Xylene	1,400
p- & m- Xylenes	1,500
p-Ethyltoluene	130
Propylene	5.70
Toluene	500

SV-2	
VOCs	µg/m³
1,2,4-Trimethylbenzene	9.70
Acetone	12
Methylene chloride	18
n-Hexane	19
p- & m- Xylenes	21
Tetrahydrofuran	7.60
Toluene	35

SV-3	
VOCs	µg/m³
Acetone	11
Chloroform	53
n-Hexane	15
Propylene	20
Toluene	14

LEGEND:

▲ SOIL VAPOR PROBE LOCATION (SV)

□ OUTDOOR AIR SAMPLE (AO)

VOC VOLATILE ORGANIC COMPOUND

µg/m³ MICROGRAMS PER CUBIC METER

0' 20' 40' 60'

SCALE IN FEET (FT.)

HYDRO TECH ENVIRONMENTAL CORP.

MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
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346 West 40th Street
New York, NY.
HTE Job # 130260

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 03/14/14
Scale: AS NOTED

TITLE:

FIGURE 11: MAP OF SOIL VAPORS

TABLES

Table 1

Groundwater Monitoring Data

346 West 40th, Street New York

Well ID	Benchmark	Shot	DTP	DTW	Product Thickness	Water Table Elevation (ft)
MW-1	30	5.49	ND	16.55	ND	7.96
MW-2	30	5.46	15.97	16	0.03	8.54
MW-3	30	5.72	16.35	17.13	0.78	7.15

All values reported in feet.

DTW…Depth to Water

DTP…Depth to Product

ND…None Detected

Table 2
Soil Samples Analytical Results for VOCs
346 West 40th Street, New York, NY

Sample ID	SP-1 (0'-2')		SP-1 (13'-15')		SP-2 (0'-2')		SP-2 (13'-15')		SP-3 (0'-2')		SP-3 (13'-15')		SP-4 (0'-2')		SP-4 (13'-15')		SP-5 (0'-2')		SP-5 (12'-14')		SP-6 (0'-2')		SP-6 (13'-15')		SP-7 (10-12')		SP-7 (14-16')		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial
Sampling Date	3/17/2014		3/17/2014		3/18/2014		3/18/2014		3/18/2014		3/18/2014		3/17/2014		3/17/2014		3/17/2014		3/17/2014		3/18/2014		3/18/2014		3/19/2014		3/19/2014			
Client Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil			
Compound	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		
Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/Kg	mg/Kg
1,1,1,2-Tetrachloroethane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
1,1,1-Trichloroethane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	0.68	500
1,1,2,2-Tetrachloroethane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
1,1,2-Trichloro-1,2,2-trifluoroethane (Fre	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
1,1,2-Trichloroethane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
1,1-Dichloroethane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	0.27	240
1,1-Dichloroethylene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	0.33	500
1,1-Dichloropropylene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
1,2,3-Trichlorobenzene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
1,2,3-Trichloropropane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
1,2,4-Trichlorobenzene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
1,2,4-Trimethylbenzene	0.0040	U	39	D	0.0027	U	140	D	0.0025	U	3.70	D	0.0025	U	7.20	D	0.0039	U	350	D	0.0032	U	390	D	0.0024	U	0.22	U	3.6	190
1,2-Dibromo-3-chloropropane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
1,2-Dibromoethane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
1,2-Dichlorobenzene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	1.1	500
1,2-Dichloroethane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	0.02	30
1,2-Dichloropropane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
1,3,5-Trimethylbenzene	0.0040	U	14	D	0.0027	U	48	D	0.0025	U	1.30	D	0.0025	U	2.30	D	0.0039	U	110	D	0.0032	U	130	D	0.0024	U	0.22	U	8.4	190
1,3-Dichlorobenzene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	2.4	280
1,3-Dichloropropane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
1,4-Dichlorobenzene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	1.8	130
1,4-Dioxane	0.080	U	27	U	0.053	U	55	U	0.050	U	4.80	U	0.051	U	4.80	U	0.078	U	230	U	0.064	U	240	U	0.049	U	4.50	U	0.1	130
2,2-Dichloropropane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
2-Butanone	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	0.12	500
2-Chlorotoluene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
4-Chlorotoluene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
Acetone	0.014	JB	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.014	B	0.24	U	0.0039	U	12	U	0.0094	JB	12	U	0.0080	JB	0.22	U	0.05	500
Benzene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.25	JD	0.0025	U	2.30	D	0.0039	U	12	JD	0.0032	U	12	JD	0.0024	U	0.22	U	0.06	44
Bromobenzene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
Bromochloromethane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
Bromodichloromethane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
Bromoform	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
Bromomethane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
Carbon tetrachloride	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	0.76	22
Chlorobenzene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	1.1	500
Chloroethane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
Chloroform	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	0.37	350
Chloromethane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
cis-1,2-Dichloroethylene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	0.25	500
cis-1,3-Dichloropropylene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
Dibromochloromethane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
Dibromomethane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
Dichlorodifluoromethane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
Ethyl Benzene	0.0040	U	11	D	0.0027	U	79	D	0.0025	U	1.80	D	0.0025	U	5.20	D	0.0039	U	250	D	0.0032	U	230	D	0.0024	U	0.22	U	1	390
Hexachlorobutadiene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
Isopropylbenzene	0.0040	U	1.70	JD	0.0027	U	7.10	D	0.0025	U	0.24	U	0.0025	U	0.36	JD	0.0039	U	19	JD	0.0032	U	21	JD	0.0024	U	0.22	U	NS	NS
Methyl tert-butyl ether (MTBE)	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	0.93	500
Methylene chloride	0.015	JB	1.40	U	0.0027	U	2.70	U	0.0050	J	0.24	U	0.0044	J	0.24	U	0.0062	JB	43	JBD	0.0062	J	12	U	0.0029	J	0.22	U	0.05	500
Naphthalene	0.0040	U	5.10	JBD	0.0027	U	26	BD	0.0025	U	1.10	BD	0.0025	U	1.50	BD	0.0039	U	43	JBD	0.0032	U	83	BD	0.0024	U	0.22	U	12	500
n-Butylbenzene	0.0040	U	1.40	U	0.0027	U	14	D	0.0025	U	0.36	JD	0.0025	U	0.47	JD	0.0039	U	12	U	0.0032	U	39	D	0.0024	U	0.22	U	3.9	500
n-Propylbenzene	0.0040	U	5.90	D	0.0027	U	24	D	0.0025	U	0.65	D	0.0025	U	1.30	D	0.0039	U	64	D	0.0032	U	74	D	0.0024	U	0.22	U	12	500
o-Xylene	0.0040	U	1.40	U	0.0027	U	110	D	0.0025	U	1.80	D	0.0025	U	6.90	D	0.0039	U	320	D	0.0032	U	290	D	0.0024	U	0.22	U	0.26	100
p- & m- Xylenes	0.0080	U	45	D	0.0053	U	280	D	0.0052	J	6.70	D	0.0051	U	18	D	0.0078	U	910	D	0.0064	U	790	D	0.0049	U	0.45	U	0.26	100
p-Isopropyltoluene	0.0040	U	1.60	JD	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
sec-Butylbenzene	0.0040	U	1.40	U	0.0027	U	3.50	JD	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	11	500
Styrene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
tert-Butylbenzene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	5.9	500
Tetrachloroethylene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	1.3	150
Toluene	0.0040	U	1.40	U	0.0027	U	88	D	0.0028	J	0.68	D	0.0025	U	7.30	D	0.0039	U	670	D	0.0032	U	270	D	0.0024	U	0.22	U	0.7	500
trans-1,2-Dichloroethylene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	0.19	500
trans-1,3-Dichloropropylene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
Trichloroethylene	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	0.47	200
Trichlorofluoromethane	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
Vinyl acetate	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	NS	NS
Vinyl Chloride	0.0040	U	1.40	U	0.0027	U	2.70	U	0.0025	U	0.24	U	0.0025	U	0.24	U	0.0039	U	12	U	0.0032	U	12	U	0.0024	U	0.22	U	0.02	13

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
NS=this indicates that no regulatory limit has been established for this analyte
Grey shaded values represent concentration exceeding Unrestricted Use SCO
Blue shaded values represent concentration exceeding Restricted Residnetial SCO

Table 2 (Cont.)
Soil Samples Analytical Results for SVOCs
346 West 40th Street, New York, NY

Sample ID	SP-1 (0'-2')		SP-1 (13'-15')		SP-2 (0'-2')		SP-2 (13'-15')		SP-3 (0'-2')		SP-3 (13'-15')		SP-4 (0'-2')		SP-4 (13'-15')		SP-5 (0'-2')		SP-5 (12'-14')		SP-6 (0'-2')		SP-6 (13'-15')		SP-7 (10-12')		SP-7 (14-16')		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial
Sampling Date	3/17/2014		3/17/2014		3/18/2014		3/18/2014		3/18/2014		3/18/2014		3/17/2014		3/17/2014		3/17/2014		3/17/2014		3/18/2014		3/18/2014		3/19/2014		3/19/2014			
Client Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil			
Compound	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		
Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/Kg	mg/Kg
1,2,4-Trichlorobenzene	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
1,2-Dichlorobenzene	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	1.1	500
1,3-Dichlorobenzene	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	2.4	280
1,4-Dichlorobenzene	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	1.8	130
2,4,5-Trichlorophenol	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
2,4,6-Trichlorophenol	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
2,4-Dichlorophenol	0.092	U	0.10	U	0.093	U	0.097	U	0.093	U	0.098	U	0.093	U	0.10	U	0.093	U	0.50	U	0.095	U	0.10	U	0.10	U	0.098	U	NS	NS
2,4-Dimethylphenol	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	**0.052**	J	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
2,4-Dinitrophenol	0.18	U	0.20	U	0.19	U	0.19	U	0.19	U	0.20	U	0.19	U	0.20	U	0.19	U	0.99	U	0.19	U	0.20	U	0.21	U	0.19	U	NS	NS
2,4-Dinitrotoluene	0.092	U	0.10	U	0.093	U	0.097	U	0.093	U	0.098	U	0.093	U	0.10	U	0.093	U	0.50	U	0.095	U	0.10	U	0.10	U	0.098	U	NS	NS
2,6-Dinitrotoluene	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
2-Chloronaphthalene	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
2-Chlorophenol	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
2-Methylnaphthalene	0.046	U	0.56		0.047	U	**0.12**	J	0.046	U	0.20		0.047	U	**1.58**		0.047	U	**3.47**	D	0.047	U	**0.51**		0.052	U	0.049	U	NS	NS
2-Methylphenol	0.092	U	0.10	U	0.093	U	0.097	U	0.093	U	0.098	U	0.093	U	0.10	U	0.093	U	0.50	U	0.095	U	0.10	U	0.10	U	0.098	U	0.33	500
2-Nitroaniline	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
2-Nitrophenol	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
3- & 4-Methylphenols	0.092	U	0.10	U	0.093	U	0.097	U	0.093	U	0.098	U	0.093	U	0.10	U	0.093	U	0.50	U	0.095	U	0.10	U	0.10	U	0.098	U	NS	NS
3,3'-Dichlorobenzidine	0.18	U	0.20	U	0.19	U	0.19	U	0.19	U	0.20	U	0.19	U	0.20	U	0.19	U	0.99	U	0.19	U	0.20	U	0.21	U	0.19	U	NS	NS
3-Nitroaniline	0.092	U	0.10	U	0.093	U	0.097	U	0.093	U	0.098	U	0.093	U	0.10	U	0.093	U	0.50	U	0.095	U	0.10	U	0.10	U	0.098	U	NS	NS
4,6-Dinitro-2-methylphenol	0.092	U	0.10	U	0.093	U	0.097	U	0.093	U	0.098	U	0.093	U	0.10	U	0.093	U	0.50	U	0.095	U	0.10	U	0.10	U	0.098	U	NS	NS
4-Bromophenyl phenyl ether	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
4-Chloro-3-methylphenol	0.092	U	0.10	U	0.093	U	0.097	U	0.093	U	0.098	U	0.093	U	0.10	U	0.093	U	0.50	U	0.095	U	0.10	U	0.10	U	0.098	U	NS	NS
4-Chloroaniline	0.092	U	0.10	U	0.093	U	0.097	U	0.093	U	0.098	U	0.093	U	0.10	U	0.093	U	0.50	U	0.095	U	0.10	U	0.10	U	0.098	U	NS	NS
4-Chlorophenyl phenyl ether	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
4-Nitroaniline	0.092	U	0.10	U	0.093	U	0.097	U	0.093	U	0.098	U	0.093	U	0.10	U	0.093	U	0.50	U	0.095	U	0.10	U	0.10	U	0.098	U	NS	NS
4-Nitrophenol	0.092	U	0.10	U	0.093	U	0.097	U	0.093	U	0.098	U	0.093	U	0.10	U	0.093	U	0.50	U	0.095	U	0.10	U	0.10	U	0.098	U	NS	NS
Acenaphthene	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	20	500
Acenaphthylene	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	100	500
Aniline	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
Anthracene	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	**0.061**	J	0.051	U	0.052	U	0.049	U	100	500
Benzo(a)anthracene	**0.065**	J	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	**0.15**	J	0.051	U	0.052	U	0.049	U	1	5.6
Benzo(a)pyrene	**0.078**	J	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	**0.050**	J	0.050	U	0.047	U	0.25	U	**0.14**	J	0.051	U	0.052	U	0.049	U	1	1
Benzo(b)fluoranthene	**0.074**	J	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	**0.11**	J	0.051	U	0.052	U	0.049	U	1	5.6
Benzo(g,h,i)perylene	0.092	U	0.10	U	0.093	U	0.097	U	0.093	U	0.098	U	0.093	U	0.10	U	0.093	U	0.50	U	0.095	U	0.10	U	0.10	U	0.098	U	100	500
Benzo(k)fluoranthene	**0.071**	J	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	**0.14**	J	0.051	U	0.052	U	0.049	U	0.8	56
Benzyl alcohol	0.092	U	0.10	U	0.093	U	0.097	U	0.093	U	0.098	U	0.093	U	0.10	U	0.093	U	0.50	U	0.095	U	0.10	U	0.10	U	0.098	U	NS	NS
Benzyl butyl phthalate	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
Bis(2-chloroethoxy)methane	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
Bis(2-chloroethyl)ether	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
Bis(2-chloroisopropyl)ether	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
Bis(2-ethylhexyl)phthalate	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
Chrysene	**0.086**	J	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	**0.065**	J	0.050	U	0.047	U	0.25	U	**0.15**	J	0.051	U	0.052	U	0.049	U	1	56
Dibenzo(a,h)anthracene	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
Dibenzofuran	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
Diethyl phthalate	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	0.33	0.56
Dimethyl phthalate	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	7	350
Di-n-butyl phthalate	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
Di-n-octyl phthalate	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
Fluoranthene	**0.15**	J	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	**0.10**	J	0.050	U	0.047	U	0.25	U	**0.30**		0.051	U	0.052	U	0.049	U	100	500
Fluorene	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	30	500
Hexachlorobenzene	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	0.33	6
Hexachlorobutadiene	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
Hexachlorocyclopentadiene	0.092	U	0.10	U	0.093	U	0.097	U	0.093	U	0.098	U	0.093	U	0.10	U	0.093	U	0.50	U	0.095	U	0.10	U	0.10	U	0.098	U	NS	NS
Hexachloroethane	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
Indeno(1,2,3-cd)pyrene	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	0.5	5.6
Isophorone	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
Naphthalene	0.046	U	**0.29**		0.047	U	**0.051**	J	0.046	U	0.049	U	0.047	U	**1.01**		0.047	U	**2.63**	D	0.047	U	**0.24**		0.052	U	0.049	U	NS	NS
Nitrobenzene	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
N-Nitrosodimethylamine	0.092	U	0.10	U	0.093	U	0.097	U	0.093	U	0.098	U	0.093	U	0.10	U	0.093	U	0.50	U	0.095	U	0.10	U	0.10	U	0.098	U	NS	NS
N-nitroso-di-n-propylamine	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	12	500
N-Nitrosodiphenylamine	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS
Pentachlorophenol	0.092	U	0.10	U	0.093	U	0.097	U	0.093	U	0.098	U	0.093	U	0.10	U	0.093	U	0.50	U	0.095	U	0.10	U	0.10	U	0.098	U	0.8	6.7
Phenanthrene	**0.095**	J	0.050	U	0.047	U	0.049	U	0.046	U	**0.093**	J	**0.085**	J	0.050	U	0.047	U	0.25	U	**0.24**		**0.052**	J	0.052	U	0.049	U	100	500
Phenol	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	0.33	500
Pyrene	**0.12**	J	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	**0.10**	J	0.050	U	0.047	U	0.25	U	**0.26**		0.051	U	0.052	U	0.049	U	100	500
Pyridine	0.046	U	0.050	U	0.047	U	0.049	U	0.046	U	0.049	U	0.047	U	0.050	U	0.047	U	0.25	U	0.047	U	0.051	U	0.052	U	0.049	U	NS	NS

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
NS=this indicates that no regulatory limit has been established for this analyte

Table 2 (Cont.)
Soil Samples Analytical Results for Pesticides and PCBs
346 West 40th Street, New York, NY

Sample ID	SP-1 (0'-2')		SP-1 (13'-15')		SP-2 (0'-2')		SP-2 (13'-15')		SP-3 (0'-2')		SP-3 (13'-15')		SP-4 (0'-2')		SP-4 (13'-15')		SP-5 (0'-2')		SP-5 (12'-14')		SP-6 (0'-2')		SP-6 (13'-15')		SP-7 (10-12')		SP-7 (14-16')		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial
Sampling Date	3/17/2014		3/17/2014		3/18/2014		3/18/2014		3/18/2014		3/18/2014		3/17/2014		3/17/2014		3/17/2014		3/17/2014		3/18/2014		3/18/2014		3/19/2014		3/19/2014			
Client Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil			
Compound	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		
Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/Kg	mg/Kg
4,4'-DDD	0.0018	U	0.0020	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0018	U	0.0020	U	0.0018	U	0.0020	U	0.0019	U	0.0020	U	0.0020	U	0.0019	U	0.0033	92
4,4'-DDE	0.0018	U	0.0020	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0018	U	0.0020	U	0.0018	U	0.0020	U	0.0019	U	0.0020	U	0.0020	U	0.0019	U	0.0033	62
4,4'-DDT	0.0018	U	0.0020	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0018	U	0.0020	U	0.0018	U	0.0020	U	0.0019	U	0.0020	U	0.0020	U	0.0019	U	0.0033	47
Aldrin	0.0018	U	0.0020	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0018	U	0.0020	U	0.0018	U	0.0020	U	0.0019	U	0.0020	U	0.0020	U	0.0019	U	0.005	0.68
alpha-BHC	0.0018	U	0.0020	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0018	U	0.0020	U	0.0018	U	0.0020	U	0.0019	U	0.0020	U	0.0020	U	0.0019	U	0.02	3.4
Aroclor 1016	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.021	U	0.021	U	0.020	U	NS	NS
Aroclor 1221	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.021	U	0.021	U	0.020	U	NS	NS
Aroclor 1232	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.021	U	0.021	U	0.020	U	NS	NS
Aroclor 1242	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.021	U	0.021	U	0.020	U	NS	NS
Aroclor 1248	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.021	U	0.021	U	0.020	U	NS	NS
Aroclor 1254	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.021	U	0.021	U	0.020	U	NS	NS
Aroclor 1260	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.020	U	0.019	U	0.021	U	0.021	U	0.020	U	NS	NS
beta-BHC	0.0018	U	0.0020	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0018	U	0.0020	U	0.0018	U	0.0020	U	0.0019	U	0.0020	U	0.0020	U	0.0019	U	0.036	3
Chlordane, total	0.0072	U	0.0079	U	0.0073	U	0.0076	U	0.0073	U	0.0077	U	0.0073	U	**0.014**	D	0.0073	U	0.0078	U	0.0074	U	0.0080	U	0.0081	U	0.0077	U	NS	NS
delta-BHC	0.0018	U	0.0020	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0018	U	0.0020	U	0.0018	U	0.0020	U	0.0019	U	0.0020	U	0.0020	U	0.0019	U	0.04	500
Dieldrin	0.0018	U	0.0020	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0018	U	0.0020	U	0.0018	U	0.0020	U	0.0019	U	0.0020	U	0.0020	U	0.0019	U	0.005	1.4
Endosulfan I	0.0018	U	0.0020	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0018	U	0.0020	U	0.0018	U	0.0020	U	0.0019	U	0.0020	U	0.0020	U	0.0019	U	2.4	200
Endosulfan II	0.0018	U	0.0020	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0018	U	0.0020	U	0.0018	U	0.0020	U	0.0019	U	0.0020	U	0.0020	U	0.0019	U	2.4	200
Endosulfan sulfate	0.0018	U	0.0020	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0018	U	0.0020	U	0.0018	U	0.0020	U	0.0019	U	0.0020	U	0.0020	U	0.0019	U	2.4	200
Endrin	0.0018	U	0.0020	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0018	U	0.0020	U	0.0018	U	0.0020	U	0.0019	U	0.0020	U	0.0020	U	0.0019	U	0.014	89
Endrin aldehyde	0.0018	U	0.0020	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0018	U	0.0020	U	0.0018	U	0.0020	U	0.0019	U	0.0020	U	0.0020	U	0.0019	U	NS	NS
Endrin ketone	0.0018	U	0.0020	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0018	U	0.0020	U	0.0018	U	0.0020	U	0.0019	U	0.0020	U	0.0020	U	0.0019	U	NS	NS
gamma-BHC (Lindane)	0.0018	U	0.0020	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0018	U	0.0020	U	0.0018	U	0.0020	U	0.0019	U	0.0020	U	0.0020	U	0.0019	U	0.1	9.2
Heptachlor	0.0018	U	0.0020	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0018	U	0.0020	U	0.0018	U	0.0020	U	0.0019	U	0.0020	U	0.0020	U	0.0019	U	0.042	15
Heptachlor epoxide	0.0018	U	0.0020	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0018	U	0.0020	U	0.0018	U	0.0020	U	0.0019	U	0.0020	U	0.0020	U	0.0019	U	NS	NS
Methoxychlor	0.0090	U	0.0099	U	0.0092	U	0.0095	U	0.0091	U	0.0096	U	0.0091	U	0.0099	U	0.0092	U	0.0098	U	0.0093	U	0.010	U	0.010	U	0.0096	U	NS	NS
Total PCBs	0.0075	U	0.0082	U	0.0076	U	0.0079	U	0.0075	U	0.0079	U	0.0075	U	0.0082	U	0.0075	U	0.0081	U	0.0077	U	0.0083	U	0.0084	U	0.0079	U	0.1	1
Toxaphene	0.092	U	0.10	U	0.093	U	0.097	U	0.092	U	0.098	U	0.093	U	0.10	U	0.093	U	0.099	U	0.094	U	0.10	U	0.10	U	0.097	U	NS	NS

NOTES:
Q is the Qualifier Column with definitions as follows:
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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
NS=this indicates that no regulatory limit has been established for this analyte

Table 2 (Cont.)
Soil Samples Analytical Results for Metals
346 West 40th Street, New York, NY

Sample ID	SP-1 (0'-2')		SP-1 (13'-15')		SP-2 (0'-2')		SP-2 (13'-15')		SP-3 (0'-2')		SP-3 (13'-15')		SP-4 (0'-2')		SP-4 (13'-15')		SP-5 (0'-2')		SP-5 (12'-14')		SP-6 (0'-2')		SP-6 (13'-15')		SP-7 (10-12')		SP-7 (14-16')		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial
Sampling Date	3/17/2014		3/17/2014		3/18/2014		3/18/2014		3/18/2014		3/18/2014		3/17/2014		3/17/2014		3/17/2014		3/17/2014		3/18/2014		3/18/2014		3/19/2014		3/19/2014			
Client Matrix	Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil			
Compound	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		
Units	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/Kg	mg/Kg
Aluminum	8,300		8,650		9,010		5,690		8,170		5,130		7,530		9,300		7,120		9,810		8,150		7,570		8,320		8,480		NS	NS
Antimony	0.70		0.60	U	0.56	U	0.58	U	0.55	U	0.58	U	0.55	U	0.60	U	0.56	U	0.59	U	0.56	U	0.61	U	0.62	U	0.58	U	NS	NS
Arsenic	5.45		2.26		3.49		1.94		4.98		2.52		5.76		2.85		4.18		1.93		5.73		7.95		4.90		3.71		13	16
Barium	114		265		68		113		99.70		117		95.20		122		137		138		155		174		35.10		85.90		350	400
Beryllium	0.11	U	0.12		0.11	U	0.12	U	0.11	U	0.12	U	0.11	U	0.12	U	0.11	U	0.16		0.11	U	0.17		0.12	U	0.12	U	7.2	590
Cadmium	0.33	U	0.36	U	0.33	U	0.35	U	0.33	U	0.35	U	0.33	U	0.36	U	0.33	U	0.36	U	0.34	U	0.36	U	0.37	U	0.35	U	2.5	9.3
Calcium	22,200		2,090		2,580		1,190		2,290		1,690		16,200		1,230		25,600		861		21,200		2,160		778		2,190		NS	NS
Chromium, Trivalent	32		11		14.20		14.10		12.40		20.50		10.70		13.40		10.70		12.30		15		15.60		12.10		20.60		30	180
Cobalt	5.95		5.98		6.03		3.54		6.16		4.25		5.43		5.36		5.73		5.12		5.98		5.20		5.57		6.15		NS	NS
Copper	31.80		14.10		22.60		7.17		21.80		7.56		21		11.80		21.80		9.50		26.40		15.60		13		19.70		50	270
Iron	13,700		16,900		13,100		6,440		17,700		8,740		12,000		13,500		11,000		18,300		13,400		16,800		26,600		12,200		NS	NS
Lead	180		6.99		94.50		4.69		70.60		3.20		78.40		36.10		299		10.30		209		13.80		2.74		5.03		63	1000
Magnesium	3,980		2,910		2,490		1,440		2,340		2,090		2,840		2,460		2,930		2,390		4,510		3,090		2,350		2,140		NS	NS
Manganese	266		987		334		90.50		406		90.40		369		361		237		168		405		1,170		269		199		1600	10000
Mercury	0.45		0.036	U	0.037	U	0.038	U	0.037	U	0.039	U	0.33		0.064		0.11		0.036	U	0.11		0.040	U	0.041	U	0.038	U	0.18	2.8
Nickel	14.20		14.20		15.50		10.40		15.70		11.50		12.80		14.70		14.30		12.70		16.90		17.30		9.75		15.40		30	310
Potassium	1,550		801		824		697		976		920		846		722		1,410		637		1,160		867		463		965		NS	NS
Selenium	1.10	U	1.68		1.11	U	1.16	U	1.11	U	1.17	U	1.11	U	1.29		1.11	U	1.19	U	1.13	U	1.21	U	1.23	U	1.16	U	3.9	1500
Silver	0.55	U	0.60	U	0.56	U	0.58	U	0.55	U	0.58	U	0.55	U	0.60	U	0.56	U	0.59	U	0.56	U	0.61	U	0.62	U	0.58	U	2	1500
Sodium	624		262		789		63.30		504		94.20		676		124		532		109		500		231		151		298		NS	NS
Thallium	1.10	U	1.20	U	1.11	U	1.16	U	1.11	U	1.17	U	1.11	U	1.20	U	1.11	U	1.19	U	1.13	U	1.21	U	1.23	U	1.16	U	NS	NS
Vanadium	19.70		12.50		17.80		11.70		16.50		10.30		14.90		13.70		15.20		16.90		18.70		17.60		17.80		39.30		NS	NS
Zinc	119		43.30		50.10		20.20		90.50		26.70		52.30		41.80		104		38.90		99.30		41.90		32.70		28.80		109	10000
Chromium, Hexavalent	0.55	U	0.60	U	0.56	U	0.58	U	0.55	U	0.58	U	0.55	U	0.60	U	0.56	U	0.59	U	0.56	U	0.61	U	0.62	U	0.58	U	1	400

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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
NS=this indicates that no regulatory limit has been established for this analyte
Grey shaded values represent concentration exceeding Unrestricted Use SCO
Blue shaded values represent concentration exceeding Restricted Residnetial SCO

Table 2 (Cont.)
Blanks Analytical Results for VOCs
346 West 40th Street, New York, NY

Sample ID	Field Blank		Field blank	
Sampling Date	3/17/2014		3/18/2014	
Matrix	DI Water		DI Water	
Units	ug/L		ug/L	
Compound	Result	Q	Result	Q
1,1,1,2-Tetrachloroethane	2.50	U	2.50	U
1,1,1-Trichloroethane	2.50	U	2.50	U
1,1,2,2-Tetrachloroethane	2.50	U	2.50	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	2.50	U	2.50	U
1,1,2-Trichloroethane	2.50	U	2.50	U
1,1-Dichloroethane	2.50	U	2.50	U
1,1-Dichloroethylene	2.50	U	2.50	U
1,1-Dichloropropylene	2.50	U	2.50	U
1,2,3-Trichlorobenzene	2.50	U	2.50	U
1,2,3-Trichloropropane	2.50	U	2.50	U
1,2,4-Trichlorobenzene	2.50	U	2.50	U
1,2,4-Trimethylbenzene	2.50	U	2.50	U
1,2-Dibromo-3-chloropropane	2.50	U	2.50	U
1,2-Dibromoethane	2.50	U	2.50	U
1,2-Dichlorobenzene	2.50	U	2.50	U
1,2-Dichloroethane	2.50	U	2.50	U
1,2-Dichloropropane	2.50	U	2.50	U
1,3,5-Trimethylbenzene	2.50	U	2.50	U
1,3-Dichlorobenzene	2.50	U	2.50	U
1,3-Dichloropropane	2.50	U	2.50	U
1,4-Dichlorobenzene	2.50	U	2.50	U
2,2-Dichloropropane	2.50	U	2.50	U
2-Butanone	2.50	U	2.50	U
2-Chlorotoluene	2.50	U	2.50	U
4-Chlorotoluene	2.50	U	2.50	U
Acetone	2.50	U	2.50	U
Benzene	2.50	U	2.50	U
Bromobenzene	2.50	U	2.50	U
Bromochloromethane	2.50	U	2.50	U
Bromodichloromethane	2.50	U	2.50	U
Bromoform	2.50	U	2.50	U
Bromomethane	2.50	U	2.50	U
Carbon tetrachloride	2.50	U	2.50	U
Chlorobenzene	2.50	U	2.50	U
Chloroethane	2.50	U	2.50	U
Chloroform	2.50	U	2.50	U
Chloromethane	2.50	U	2.50	U
cis-1,2-Dichloroethylene	2.50	U	2.50	U
cis-1,3-Dichloropropylene	2.50	U	2.50	U
Dibromochloromethane	2.50	U	2.50	U
Dibromomethane	2.50	U	2.50	U
Dichlorodifluoromethane	2.50	U	2.50	U
Ethyl Benzene	2.50	U	2.50	U
Hexachlorobutadiene	2.50	U	2.50	U
Isopropylbenzene	2.50	U	2.50	U
Methyl tert-butyl ether (MTBE)	2.50	U	2.50	U
Methylene chloride	**4.90**	JB	2.50	U
Naphthalene	2.50	U	2.50	U
n-Butylbenzene	2.50	U	2.50	U
n-Propylbenzene	2.50	U	2.50	U
o-Xylene	2.50	U	2.50	U
p- & m- Xylenes	5	U	5	U
p-Isopropyltoluene	2.50	U	2.50	U
sec-Butylbenzene	2.50	U	2.50	U
Styrene	2.50	U	2.50	U
tert-Butylbenzene	2.50	U	2.50	U
Tetrachloroethylene	2.50	U	2.50	U
Toluene	2.50	U	2.50	U
trans-1,2-Dichloroethylene	2.50	U	2.50	U
trans-1,3-Dichloropropylene	2.50	U	2.50	U
Trichloroethylene	2.50	U	2.50	U
Trichlorofluoromethane	2.50	U	2.50	U
Vinyl acetate	2.50	U	2.50	U
Vinyl Chloride	2.50	U	2.50	U
Xylenes, Total	7.50	U	7.50	U

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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

Table 2 (Cont.)

Blanks Analytical Results for SVOCs

346 West 40th Street, New York, NY

Sample ID	Field Blank		Field blank	
Sampling Date	3/17/2014		3/18/2014	
Matrix	DI Water		DI Water	
Units	ug/L		ug/L	
Compound	Result	Q	Result	Q
1,2,4-Trichlorobenzene	2.56	U	2.56	U
1,2-Dichlorobenzene	2.56	U	2.56	U
1,3-Dichlorobenzene	2.56	U	2.56	U
1,4-Dichlorobenzene	2.56	U	2.56	U
2,4,5-Trichlorophenol	2.56	U	2.56	U
2,4,6-Trichlorophenol	2.56	U	2.56	U
2,4-Dichlorophenol	2.56	U	2.56	U
2,4-Dimethylphenol	2.56	U	2.56	U
2,4-Dinitrophenol	2.56	U	2.56	U
2,4-Dinitrotoluene	2.56	U	2.56	U
2,6-Dinitrotoluene	2.56	U	2.56	U
2-Chloronaphthalene	2.56	U	2.56	U
2-Chlorophenol	2.56	U	2.56	U
2-Methylnaphthalene	2.56	U	2.56	U
2-Methylphenol	2.56	U	2.56	U
2-Nitroaniline	2.56	U	2.56	U
2-Nitrophenol	2.56	U	2.56	U
3- & 4-Methylphenols	2.56	U	2.56	U
3,3'-Dichlorobenzidine	2.56	U	2.56	U
3-Nitroaniline	2.56	U	2.56	U
4,6-Dinitro-2-methylphenol	2.56	U	2.56	U
4-Bromophenyl phenyl ether	2.56	U	2.56	U
4-Chloro-3-methylphenol	2.56	U	2.56	U
4-Chloroaniline	2.56	U	2.56	U
4-Chlorophenyl phenyl ether	2.56	U	2.56	U
4-Nitroaniline	2.56	U	2.56	U
4-Nitrophenol	2.56	U	2.56	U
Acenaphthene	2.56	U	2.56	U
Acenaphthylene	2.56	U	2.56	U
Aniline	2.56	U	2.56	U
Anthracene	2.56	U	2.56	U
Benzo(a)anthracene	2.56	U	2.56	U
Benzo(a)pyrene	2.56	U	2.56	U
Benzo(b)fluoranthene	2.56	U	2.56	U
Benzo(g,h,i)perylene	2.56	U	2.56	U
Benzo(k)fluoranthene	2.56	U	2.56	U
Benzyl alcohol	2.56	U	2.56	U
Benzyl butyl phthalate	2.56	U	2.56	U
Bis(2-chloroethoxy)methane	2.56	U	2.56	U
Bis(2-chloroethyl)ether	2.56	U	2.56	U
Bis(2-chloroisopropyl)ether	2.56	U	2.56	U
Bis(2-ethylhexyl)phthalate	2.56	U	2.56	U
Chrysene	2.56	U	2.56	U
Dibenzo(a,h)anthracene	2.56	U	2.56	U
Dibenzofuran	2.56	U	2.56	U
Diethyl phthalate	2.56	U	2.56	U
Dimethyl phthalate	2.56	U	2.56	U
Di-n-butyl phthalate	2.56	U	2.56	U
Di-n-octyl phthalate	2.56	U	2.56	U
Fluoranthene	2.56	U	2.56	U
Fluorene	2.56	U	2.56	U
Hexachlorobenzene	2.56	U	2.56	U
Hexachlorobutadiene	2.56	U	2.56	U
Hexachlorocyclopentadiene	2.56	U	2.56	U
Hexachloroethane	2.56	U	2.56	U
Indeno(1,2,3-cd)pyrene	2.56	U	2.56	U
Isophorone	2.56	U	2.56	U
Naphthalene	2.56	U	2.56	U
Nitrobenzene	2.56	U	2.56	U
N-Nitrosodimethylamine	2.56	U	2.56	U
N-nitroso-di-n-propylamine	2.56	U	2.56	U
N-Nitrosodiphenylamine	2.56	U	2.56	U
Pentachlorophenol	2.56	U	2.56	U
Phenanthrene	2.56	U	2.56	U
Phenol	2.56	U	2.56	U
Pyrene	2.56	U	2.56	U
Pyridine	2.56	U	2.56	U

NOTES:

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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

Table 2 (Cont.)

Blanks Analytical Results for Pesticides and PCBs

346 West 40th Street, New York, NY

Sample ID	Field Blank		Field blank	
Sampling Date	3/17/2014		3/18/2014	
Matrix	DI Water		DI Water	
Units	ug/L		ug/L	
Compound	Result	Q	Result	Q
4,4'-DDD	0.0010	U	0.0010	U
4,4'-DDE	0.0010	U	0.0010	U
4,4'-DDT	0.0010	U	0.0010	U
Aldrin	0.0010	U	0.0010	U
alpha-BHC	0.0010	U	0.0010	U
Aroclor 1016	0.050	U	0.050	U
Aroclor 1221	0.050	U	0.050	U
Aroclor 1232	0.050	U	0.050	U
Aroclor 1242	0.050	U	0.050	U
Aroclor 1248	0.050	U	0.050	U
Aroclor 1254	0.050	U	0.050	U
Aroclor 1260	0.050	U	0.050	U
beta-BHC	0.0010	U	0.0010	U
Chlordane, total	0.0040	U	0.0040	U
delta-BHC	0.0010	U	0.0010	U
Dieldrin	0.0010	U	0.0010	U
Endosulfan I	0.0010	U	0.0010	U
Endosulfan II	0.0010	U	0.0010	U
Endosulfan sulfate	0.0010	U	0.0010	U
Endrin	0.0010	U	0.0010	U
Endrin aldehyde	0.0010	U	0.0010	U
Endrin ketone	0.0010	U	0.0010	U
gamma-BHC (Lindane)	0.0010	U	0.0010	U
Heptachlor	0.0010	U	0.0010	U
Heptachlor epoxide	0.0010	U	0.0010	U
Methoxychlor	0.0050	U	0.0050	U
Total PCBs	0.050	U	0.050	U
Toxaphene	0.050	U	0.050	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

Table 2 (Cont.)

Blanks Analytical Results for Metals

346 West 40th Street, New York, NY

Sample ID	Field Blank		Field blank	
Sampling Date	3/17/2014		3/18/2014	
Matrix	DI Water		DI Water	
Units	ug/L		ug/L	
Compound	Result	Q	Result	Q
Aluminum	10	U	10	U
Antimony	10	U	10	U
Arsenic	4	U	4	U
Barium	10	U	10	U
Beryllium	1	U	1	U
Cadmium	3	U	3	U
Calcium	**102**		**159**	
Chromium, Trivalent	5	U	5	U
Cobalt	5	U	5	U
Copper	3	U	3	U
Iron	20	U	20	U
Lead	3	U	3	U
Magnesium	50	U	50	U
Manganese	5	U	5	U
Mercury	0.20	U	0.20	U
Nickel	5	U	5	U
Potassium	**112**		**497**	
Selenium	10	U	10	U
Silver	5	U	5	U
Sodium	100	U	**204**	
Thallium	5	U	5	U
Vanadium	10	U	10	U
Zinc	**20**		**32**	
Chromium, Hexavalent	10	U	10	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

Table 3

Groundwater Samples Analytical Results for VOCs

346 West 40th Street, New York, NY

Sample ID	MW-1		Trip Blank		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	3/19/2014		3/19/2014		
Matrix	Groundwater		DI Water		
Units	ug/L		ug/L		
Compound	Result	Q	Result	Q	
1,1,1,2-Tetrachloroethane	25	U	2.50	U	5
1,1,1-Trichloroethane	25	U	2.50	U	5
1,1,2,2-Tetrachloroethane	25	U	2.50	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	25	U	2.50	U	5
1,1,2-Trichloroethane	25	U	2.50	U	1
1,1-Dichloroethane	25	U	2.50	U	5
1,1-Dichloroethylene	25	U	2.50	U	5
1,1-Dichloropropylene	25	U	2.50	U	5
1,2,3-Trichlorobenzene	25	U	2.50	U	5
1,2,3-Trichloropropane	25	U	2.50	U	0.04
1,2,4-Trichlorobenzene	25	U	2.50	U	5
1,2,4-Trimethylbenzene	**110**	D	2.50	U	5
1,2-Dibromo-3-chloropropane	25	U	2.50	U	0.04
1,2-Dibromoethane	25	U	2.50	U	5
1,2-Dichlorobenzene	25	U	2.50	U	3
1,2-Dichloroethane	25	U	2.50	U	0.6
1,2-Dichloropropane	25	U	2.50	U	1
1,3,5-Trimethylbenzene	**75**	D	2.50	U	5
1,3-Dichlorobenzene	25	U	2.50	U	3
1,3-Dichloropropane	25	U	2.50	U	5
1,4-Dichlorobenzene	25	U	2.50	U	3
2,2-Dichloropropane	25	U	2.50	U	5
2-Butanone	25	U	2.50	U	50
2-Chlorotoluene	25	U	2.50	U	5
4-Chlorotoluene	25	U	2.50	U	5
Acetone	25	U	2.50	U	50
Benzene	**2,000**	D	2.50	U	1
Bromobenzene	25	U	2.50	U	5
Bromochloromethane	25	U	2.50	U	5
Bromodichloromethane	25	U	2.50	U	50
Bromoform	25	U	2.50	U	50
Bromomethane	25	U	2.50	U	5
Carbon tetrachloride	25	U	2.50	U	5
Chlorobenzene	25	U	2.50	U	5
Chloroethane	25	U	2.50	U	5
Chloroform	25	U	2.50	U	7
Chloromethane	25	U	2.50	U	5
cis-1,2-Dichloroethylene	25	U	2.50	U	5
cis-1,3-Dichloropropylene	25	U	2.50	U	0.4
Dibromochloromethane	25	U	2.50	U	50
Dibromomethane	25	U	2.50	U	NS
Dichlorodifluoromethane	25	U	2.50	U	5
Ethyl Benzene	**280**	D	2.50	U	5
Hexachlorobutadiene	25	U	2.50	U	0.5
Isopropylbenzene	**46**	JD	2.50	U	5
Methyl tert-butyl ether (MTBE)	25	U	2.50	U	10
Methylene chloride	25	U	2.50	U	5
Naphthalene	**260**	D	2.50	U	5
n-Butylbenzene	25	U	2.50	U	5
n-Propylbenzene	**73**	D	2.50	U	10
o-Xylene	25	U	2.50	U	5
p- & m- Xylenes	**260**	D	5	U	5
p-Isopropyltoluene	25	U	2.50	U	5
sec-Butylbenzene	25	U	2.50	U	5
Styrene	25	U	2.50	U	5
tert-Butylbenzene	25	U	2.50	U	5
Tetrachloroethylene	25	U	2.50	U	5
Toluene	**110**	D	2.50	U	5
trans-1,2-Dichloroethylene	25	U	2.50	U	5
trans-1,3-Dichloropropylene	25	U	2.50	U	0.4
Trichloroethylene	25	U	2.50	U	5
Trichlorofluoromethane	25	U	2.50	U	5
Vinyl acetate	25	U	2.50	U	NS
Vinyl Chloride	25	U	2.50	U	2

NOTES:

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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

NS=this indicates that no regulatory limit has been established for this analyte

Grey shaded cell represent a concentration exceeding the GQS

Table 3 (Cont.)
Groundwater Samples Analytical Results for SVOCs
346 West 40th Street, New York, NY

Sample ID	MW-1		Trip Blank		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	3/19/2014		3/19/2014		
Matrix	Groundwater		DI Water		
Units	ug/L		ug/L		
Compound	Result	Q	Result	Q	
1,2,4-Trichlorobenzene	25	U	NT		5
1,2-Dichlorobenzene	25	U	NT		3
1,3-Dichlorobenzene	25	U	NT		3
1,4-Dichlorobenzene	25	U	NT		3
2,4,5-Trichlorophenol	25	U	NT		1
2,4,6-Trichlorophenol	25	U	NT		1
2,4-Dichlorophenol	25	U	NT		5
2,4-Dimethylphenol	25	U	NT		50
2,4-Dinitrophenol	25	U	NT		10
2,4-Dinitrotoluene	25	U	NT		5
2,6-Dinitrotoluene	25	U	NT		5
2-Chloronaphthalene	25	U	NT		10
2-Chlorophenol	25	U	NT		1
2-Methylnaphthalene	**47.70**	JD	NT		NS
2-Methylphenol	25	U	NT		1
2-Nitroaniline	25	U	NT		5
2-Nitrophenol	25	U	NT		1
3- & 4-Methylphenols	25	U	NT		5
3,3'-Dichlorobenzidine	25	U	NT		NS
3-Nitroaniline	25	U	NT		5
4,6-Dinitro-2-methylphenol	25	U	NT		NS
4-Bromophenyl phenyl ether	25	U	NT		NS
4-Chloro-3-methylphenol	25	U	NT		1
4-Chloroaniline	25	U	NT		5
4-Chlorophenyl phenyl ether	25	U	NT		NS
4-Nitroaniline	25	U	NT		5
4-Nitrophenol	25	U	NT		1
Acenaphthene	25	U	NT		20
Acenaphthylene	25	U	NT		NS
Aniline	25	U	NT		5
Anthracene	25	U	NT		50
Benzo(a)anthracene	25	U	NT		0.002
Benzo(a)pyrene	25	U	NT		0.002
Benzo(b)fluoranthene	25	U	NT		0.002
Benzo(g,h,i)perylene	25	U	NT		NS
Benzo(k)fluoranthene	25	U	NT		0.002
Benzyl alcohol	25	U	NT		NS
Benzyl butyl phthalate	25	U	NT		50
Bis(2-chloroethoxy)methane	25	U	NT		5
Bis(2-chloroethyl)ether	25	U	NT		1
Bis(2-chloroisopropyl)ether	25	U	NT		5
Bis(2-ethylhexyl)phthalate	25	U	NT		5
Chrysene	25	U	NT		0.002
Dibenzo(a,h)anthracene	25	U	NT		50
Dibenzofuran	25	U	NT		50
Diethyl phthalate	25	U	NT		NS
Dimethyl phthalate	25	U	NT		NS
Di-n-butyl phthalate	25	U	NT		50
Di-n-octyl phthalate	25	U	NT		50
Fluoranthene	25	U	NT		50
Fluorene	25	U	NT		50
Hexachlorobenzene	25	U	NT		0.04
Hexachlorobutadiene	25	U	NT		0.5
Hexachlorocyclopentadiene	25	U	NT		5
Hexachloroethane	25	U	NT		5
Indeno(1,2,3-cd)pyrene	25	U	NT		0.002
Isophorone	25	U	NT		50
Naphthalene	**182**	D	NT		NS
Nitrobenzene	25	U	NT		NS
N-Nitrosodimethylamine	25	U	NT		50
N-nitroso-di-n-propylamine	25	U	NT		10
N-Nitrosodiphenylamine	25	U	NT		0.4
Pentachlorophenol	25	U	NT		1
Phenanthrene	25	U	NT		50
Phenol	25	U	NT		1
Pyrene	25	U	NT		50
Pyridine	25	U	NT		50

NOTES:
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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
NS=this indicates that no regulatory limit has been established for this analyte
Grey shaded cell represent a concentration exceeding the GQS

Table 3 (Cont.)

Groundwater Samples Analytical Results for Pesticides and PCBs

346 West 40th Street, New York, NY

Sample ID	MW-1		Trip Blank		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	3/19/2014		3/19/2014		
Matrix	Groundwater		DI Water		
Units	ug/L		ug/L		
Compound	Result	Q	Result	Q	
4,4'-DDD	0.0010	U	NT		0.3
4,4'-DDE	0.0010	U	NT		0.2
4,4'-DDT	0.0010	U	NT		0.2
Aldrin	0.0010	U	NT		NS
alpha-BHC	0.0010	U	NT		NS
Aroclor 1016	0.051	U	NT		0.09
Aroclor 1221	0.051	U	NT		0.09
Aroclor 1232	0.051	U	NT		0.09
Aroclor 1242	0.051	U	NT		0.09
Aroclor 1248	0.051	U	NT		0.09
Aroclor 1254	0.051	U	NT		0.09
Aroclor 1260	0.051	U	NT		0.09
beta-BHC	0.0010	U	NT		NS
Chlordane, total	0.0041	U	NT		0.05
delta-BHC	0.0010	U	NT		NS
Dieldrin	0.0010	U	NT		NS
Endosulfan I	0.0010	U	NT		NS
Endosulfan II	0.0010	U	NT		NS
Endosulfan sulfate	0.0010	U	NT		NS
Endrin	0.0010	U	NT		NS
Endrin aldehyde	0.0010	U	NT		5
Endrin ketone	0.0010	U	NT		5
gamma-BHC (Lindane)	0.0010	U	NT		NS
Heptachlor	0.0010	U	NT		0.04
Heptachlor epoxide	0.0010	U	NT		0.03
Methoxychlor	0.0051	U	NT		35
Total PCBs	0.051	U	NT		0.09
Toxaphene	0.051	U	NT		NS

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

NS=this indicates that no regulatory limit has been established for this analyte

Table 3 (Cont.)
Groundwater Samples Analytical Results for Metals
346 West 40th Street, New York, NY

Sample ID	MW-1		Trip Blank		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	3/19/2014		3/19/2014		
Matrix	Groundwater		DI Water		
Units	ug/L		ug/L		
Compound	Result	Q	Result	Q	
Metals, Target Analyte					
Aluminum	**21,000**		NT		NS
Antimony	5	U	NT		3
Arsenic	**16**		NT		25
Barium	**3,000**		NT		1000
Beryllium	**2**		NT		3
Cadmium	3	U	NT		5
Calcium	**150,000**		NT		NS
Chromium trivalent	**69**		NT		50
Chromium Hexvalent	10	U			50
Cobalt	**27**		NT		NS
Copper	**321**		NT		200
Iron	**40,800**		NT		NS
Lead	**171**		NT		25
Magnesium	**61,400**		NT		35000
Manganese	**8,300**		NT		300
Mercury	0.20	U	NT		0.7
Nickel	**87**		NT		100
Potassium	**22,700**		NT		NS
Selenium	10	U	NT		10
Silver	5	U	NT		50
Sodium	**281,000**		NT		20000
Thallium	5	U	NT		NS
Vanadium	**48**		NT		NS
Zinc	**174**		NT		2000
Metals, Target Analyte, Dissolved					
Aluminum	10	U	NT		NS
Antimony	5	U	NT		3
Arsenic	4	U	NT		25
Barium	**1,540**		NT		1000
Beryllium	1	U	NT		3
Cadmium	3	U	NT		5
Calcium	**133,000**		NT		NS
Chromium trivalent	5	U	NT		50
Chromium Hexvalent	5	U			50
Cobalt	5	U	NT		NS
Copper	3	U	NT		200
Iron	**3,410**		NT		NS
Lead	3	U	NT		25
Magnesium	**50,700**		NT		35000
Manganese	**6,330**		NT		300
Mercury	0.20	U	NT		0.7
Nickel	5	U	NT		100
Potassium	**16,900**		NT		NS
Selenium	**18**		NT		10
Silver	5	U	NT		50
Sodium	**281,000**		NT		20000
Thallium	5	U	NT		NS
Vanadium	10	U	NT		NS
Zinc	10	U	NT		2000

NOTES:
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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
NS=this indicates that no regulatory limit has been established for this analyte
Grey shaded cell represent a concentration exceeding the GQS

Table 4

Soil Vapor Analytical Results

346 West 40th Street, New York, NY

Sample ID	SV-2		SV-3		SV-4		AO	
Sampling Date	3/19/2014		3/19/2014		3/19/2014		3/19/2014	
Client Matrix	Soil Vapor		Soil Vapor		Soil Vapor		Outdoor Ambient Air	
Units	ug/m³		ug/m³		ug/m³		ug/m³	
Compound	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	11	U	17	U	10	U	0.55	U
1,1,2,2-Tetrachloroethane	14	U	22	U	13	U	0.70	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	15	U	24	U	14	U	0.78	U
1,1,2-Trichloroethane	11	U	17	U	10	U	0.55	U
1,1-Dichloroethane	8	U	13	U	7.40	U	0.41	U
1,1-Dichloroethylene	7.80	U	13	U	7.30	U	0.40	U
1,2,4-Trichlorobenzene	15	U	24	U	14	U	0.75	U
1,2,4-Trimethylbenzene	**9.70**	D	16	U	**58**	D	**32**	
1,2-Dibromoethane	15	U	24	U	14	U	0.78	U
1,2-Dichlorobenzene	12	U	19	U	11	U	0.61	U
1,2-Dichloroethane	8	U	13	U	7.40	U	0.41	U
1,2-Dichloropropane	9.10	U	15	U	8.50	U	0.47	U
1,2-Dichlorotetrafluoroethane	14	U	22	U	13	U	0.71	U
1,3,5-Trimethylbenzene	9.70	U	16	U	**68**	D	**8.70**	
1,3-Butadiene	8.50	U	14	U	7.90	U	**6.90**	
1,3-Dichlorobenzene	12	U	19	U	11	U	0.61	U
1,4-Dichlorobenzene	12	U	19	U	11	U	0.61	U
1,4-Dioxane	7.10	U	11	U	6.60	U	0.37	U
2-Butanone	5.80	U	9.40	U	**7**	D	**4**	
2-Hexanone	16	U	26	U	15	U	0.83	U
4-Methyl-2-pentanone	8.10	U	13	U	7.50	U	0.42	U
Acetone	**12**	D	**11**	D	**22**	D	**14**	
Benzene	6.30	U	10	U	**81**	D	**14**	
Benzyl chloride	10	U	16	U	9.50	U	0.53	U
Bromodichloromethane	12	U	20	U	11	U	0.63	U
Bromoform	20	U	33	U	19	U	1.10	U
Bromomethane	7.70	U	12	U	7.10	U	0.39	U
Carbon disulfide	6.10	U	9.90	U	**9.70**	D	**0.41**	
Carbon tetrachloride	6.20	U	10	U	5.80	U	**0.64**	
Chlorobenzene	9.10	U	15	U	8.40	U	0.47	U
Chloroethane	5.20	U	8.40	U	4.80	U	0.27	U
Chloroform	9.60	U	**53**	D	**47**	D	0.50	U
Chloromethane	4.10	U	6.60	U	3.80	U	**1.30**	
cis-1,2-Dichloroethylene	7.80	U	13	U	7.30	U	0.40	U
cis-1,3-Dichloropropylene	8.90	U	14	U	8.30	U	0.46	U
Cyclohexane	6.80	U	11	U	**700**	D	**5.80**	
Dibromochloromethane	16	U	25	U	15	U	0.82	U
Dichlorodifluoromethane	9.70	U	16	U	9.10	U	**3**	
Ethyl acetate	7.10	U	11	U	6.60	U	0.37	U
Ethyl Benzene	8.60	U	14	U	**1,200**	D	**13**	
Hexachlorobutadiene	21	U	34	U	20	U	1.10	U
Isopropanol	9.70	U	16	U	9	U	**21**	
Methyl Methacrylate	8.10	U	13	U	7.50	U	0.42	U
Methyl tert-butyl ether (MTBE)	7.10	U	11	U	6.60	U	0.37	U
Methylene chloride	**18**	BD	11	U	6.40	U	**10**	B
n-Heptane	8.10	U	13	U	**410**	D	**11**	
n-Hexane	**19**	D	**15**	D	**340**	D	**20**	
o-Xylene	8.60	U	14	U	**1,400**	D	**17**	
p- & m- Xylenes	**21**	D	28	U	**1,500**	D	**45**	
p-Ethyltoluene	9.70	U	16	U	**130**	D	**28**	
Propylene	3.40	U	**20**	D	**5.70**	D	**19**	
Styrene	8.40	U	14	U	7.80	U	**2.70**	
Tetrachloroethylene	13	U	22	U	12	U	**1.40**	
Tetrahydrofuran	**7.60**	D	9.40	U	5.40	U	**9.60**	
Toluene	**35**	D	**14**	D	**500**	D	**46**	
trans-1,2-Dichloroethylene	7.80	U	13	U	7.30	U	0.40	U
trans-1,3-Dichloropropylene	8.90	U	14	U	8.30	U	0.46	U
Trichloroethylene	5.30	U	8.50	U	4.90	U	0.27	U
Trichlorofluoromethane (Freon 11)	11	U	18	U	10	U	**1.80**	
Vinyl acetate	6.90	U	11	U	6.40	U	0.36	U
Vinyl Chloride	5	U	8.10	U	4.70	U	0.26	U
Helium	0.97	U	1.60	U	0.90	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 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

APPENDICES

APPENDIX-A

PREVIOUS INVESTIGATIONS (CD-ROM)

APPENDIX-B

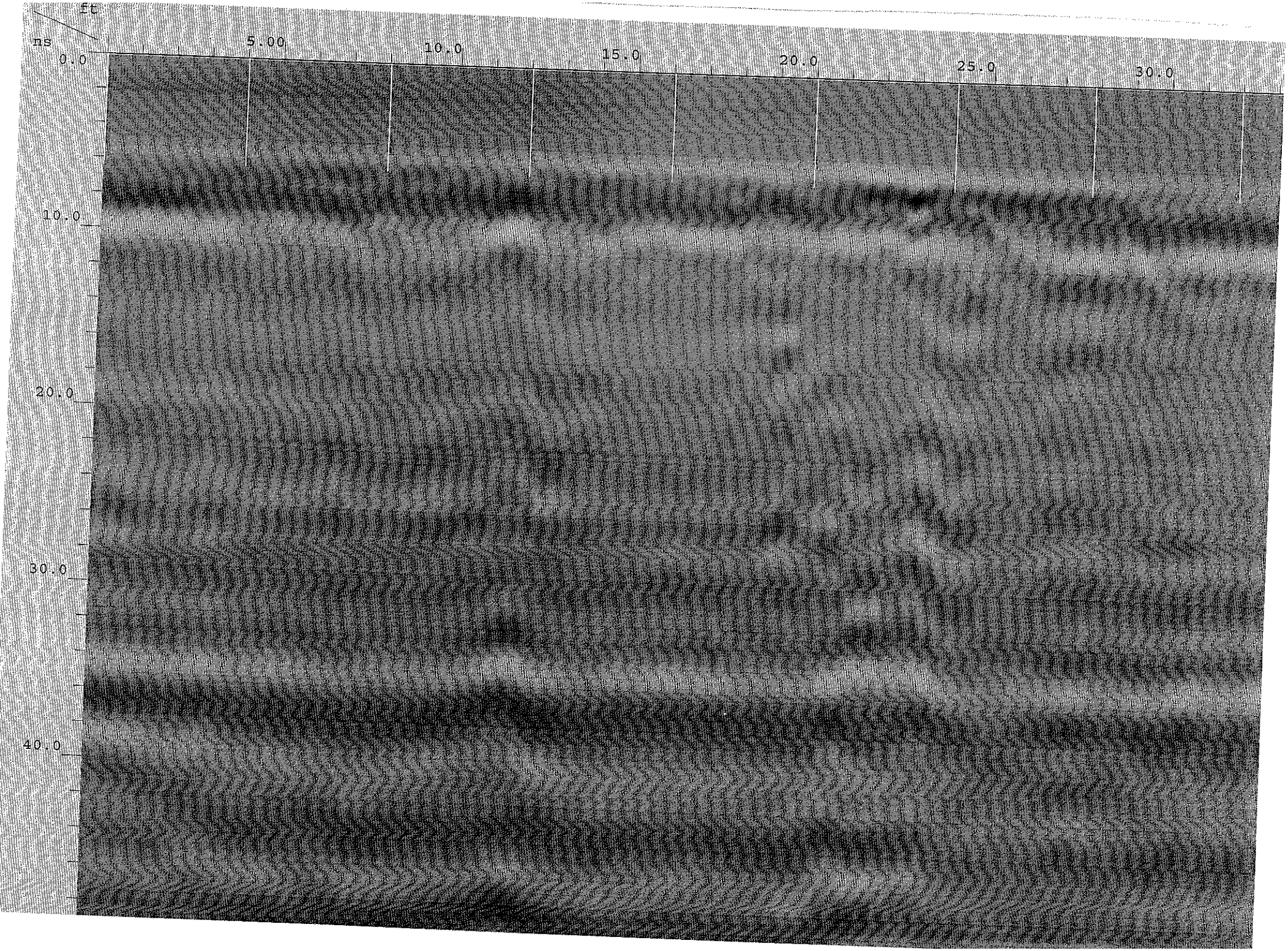
PHOTOGRAPHS

GPR Survey

Installation of Soil Probes, Monitoring Wells and Soil Vapor Implants

APPENDIX-C

GPR SUMMARY REPORT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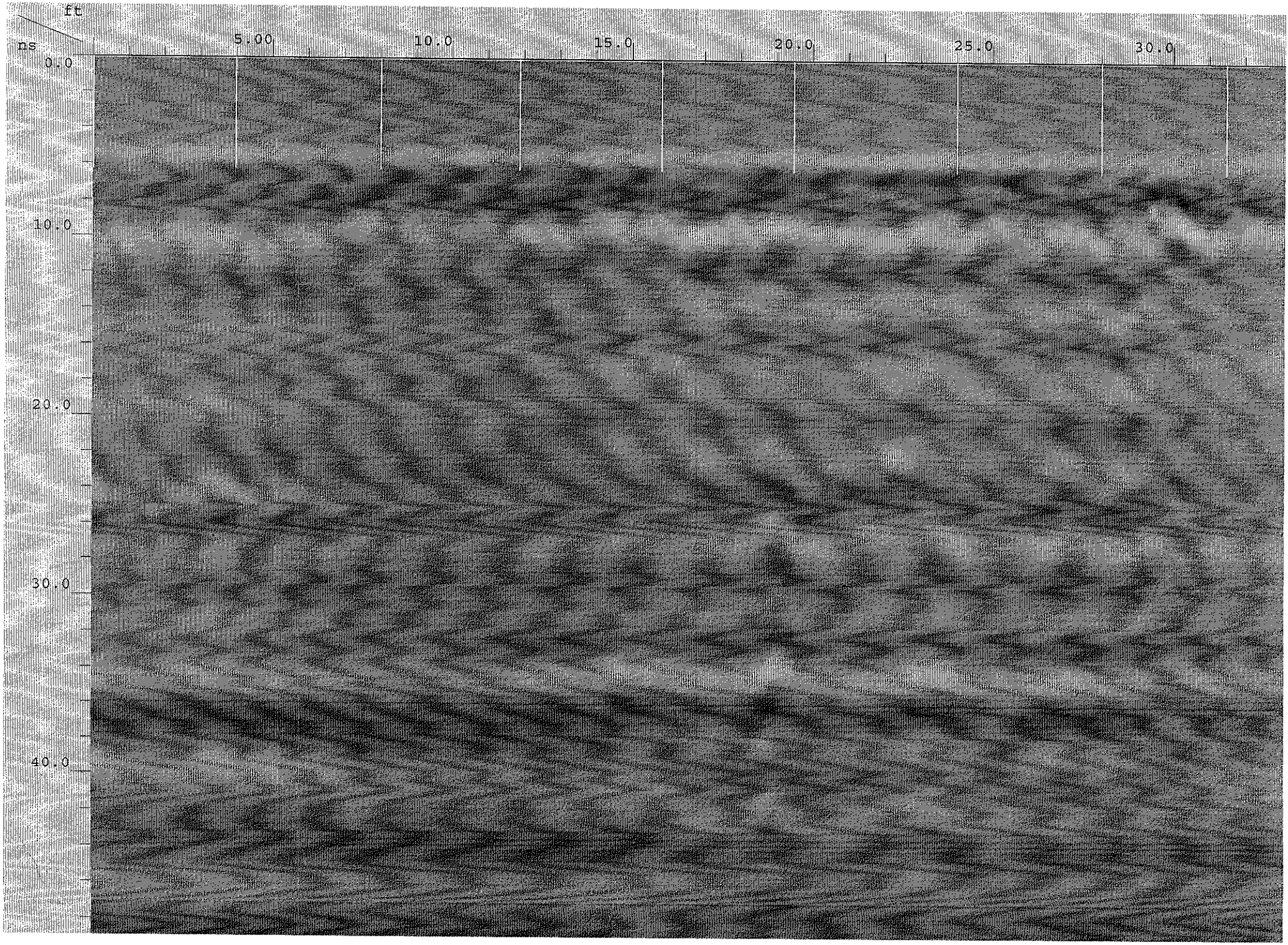
40.0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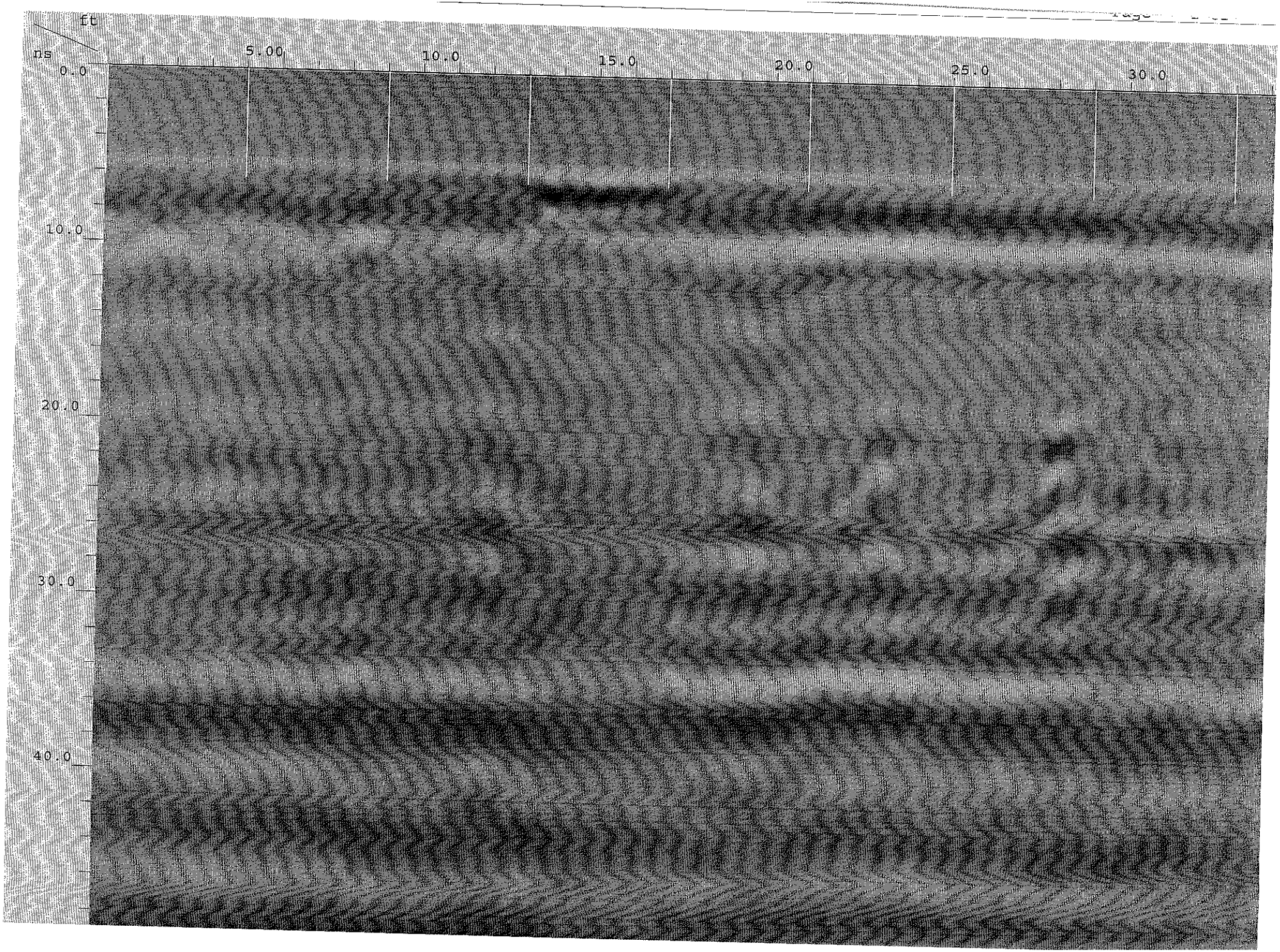
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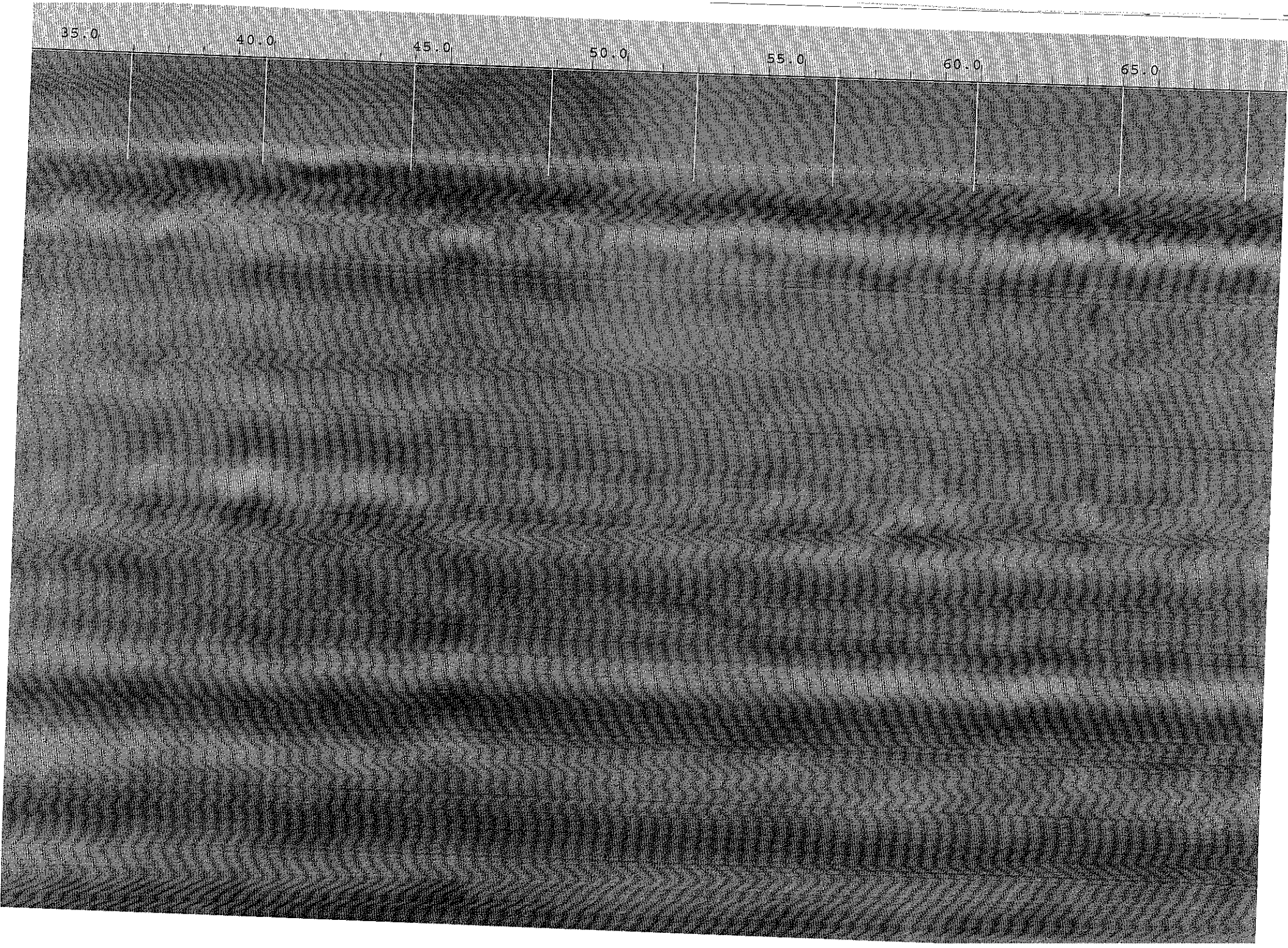
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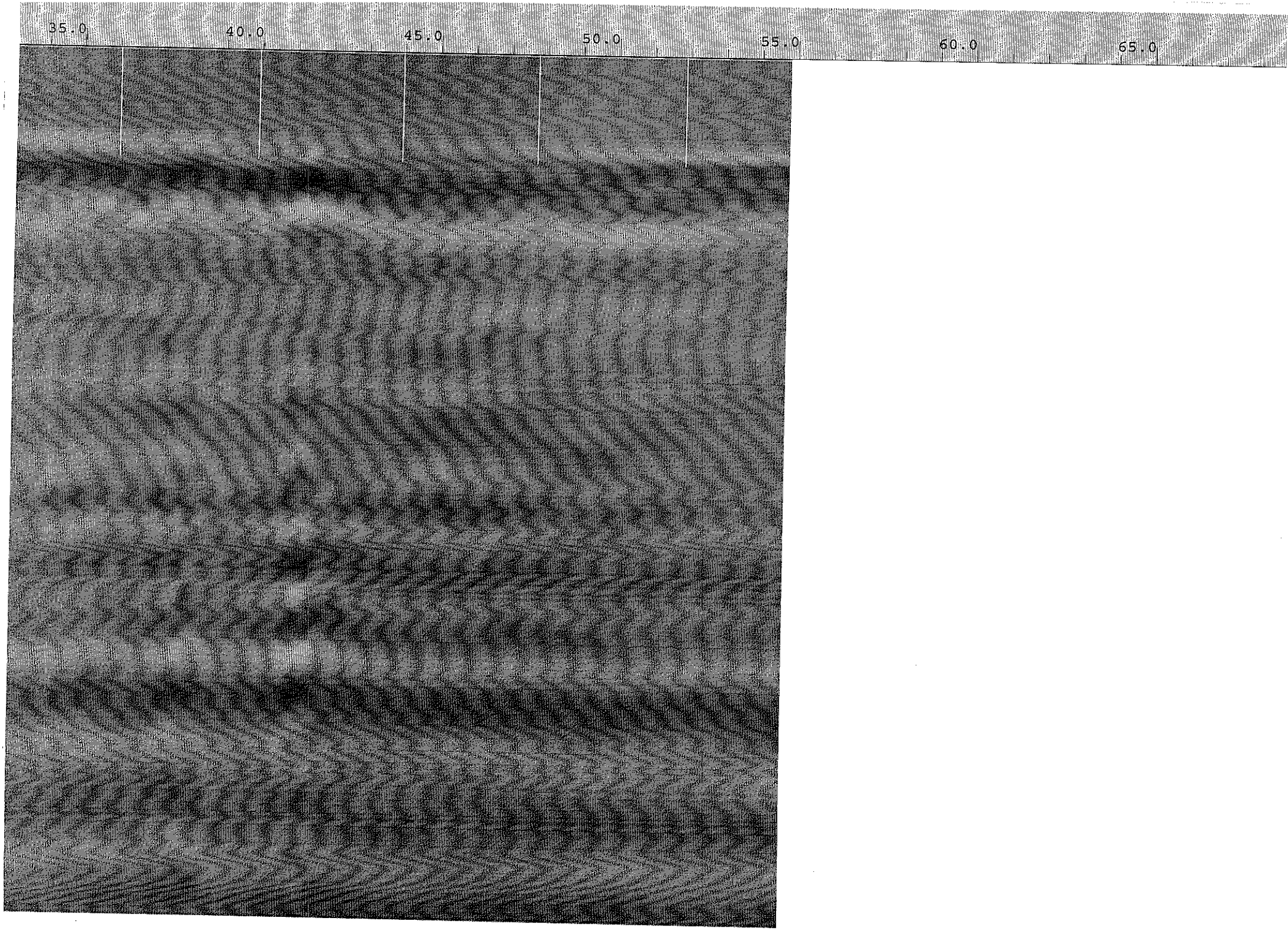
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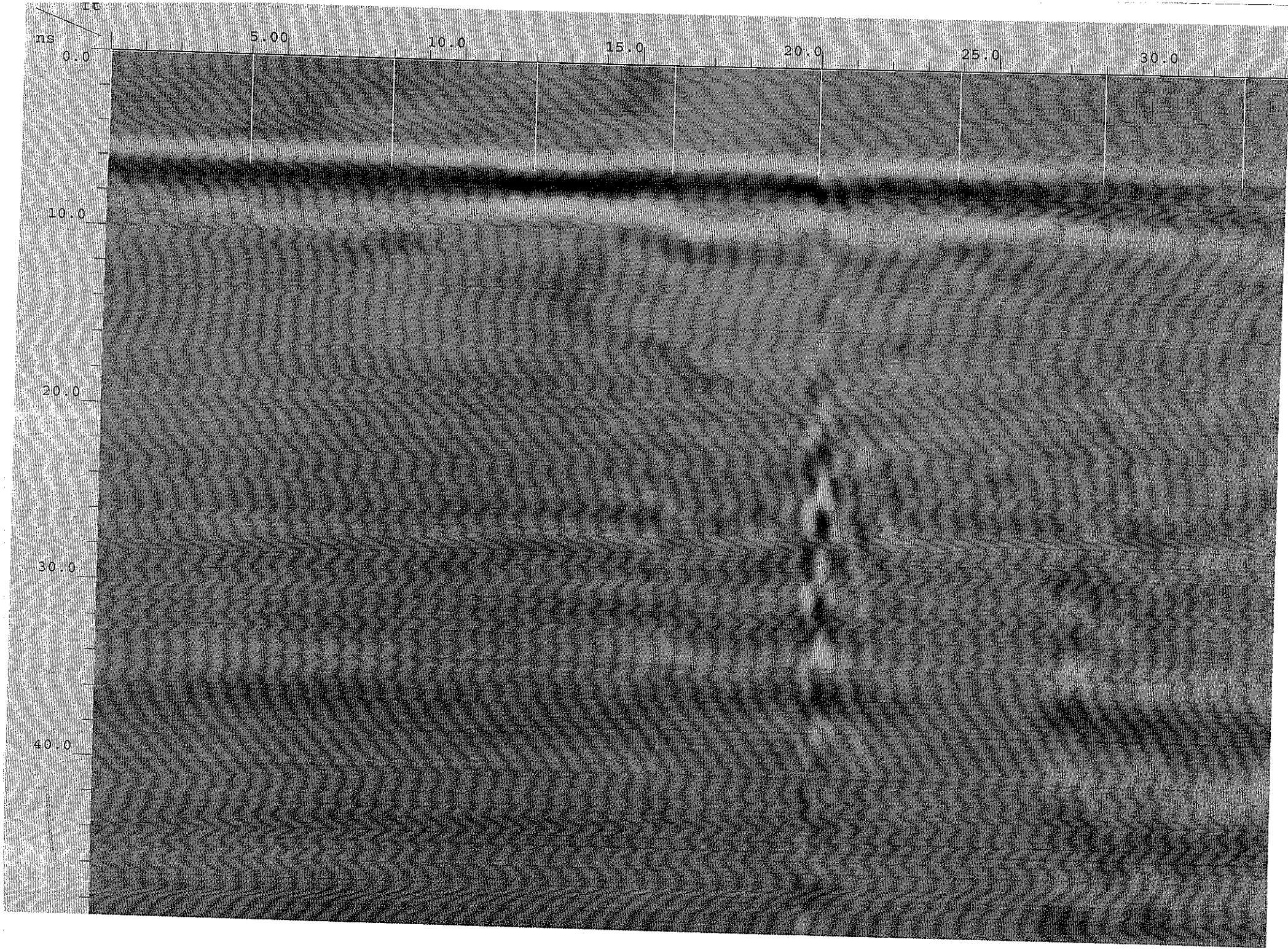
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APPENDIX-D

SOIL BORING LOGS

Hydro Tech Environmental, Corp.

Main Office
2171 Jericho Turnpike, Suite 240
Commack, New York 11725
T (631) 462-5866 · F (631) 462-5877

NYC Office
1111 Fulton Street, 2nd Floor
Brooklyn, New York 11238
T (718) 636-0800 · F (718) 636-0900

www.hydrotechenvironmental.com

Soil Probe Log

Job No:		Date: 3/17/14	Page: 1 of 1
Location:	346 West 40th Street New York, NY		Sampling Interval: 2 Feet Sampling Method: Grab
Boring No.:	SP-1		Driller: Efrain
Drilling Method:	Direct Push		Depth to Water: N/A
Total Depth:	15 feet		

USCS SYMBOLS

GW - Well Graded Gravel
GP - Poorly Graded Gravel
GM - Silty Gravel
GC - Clayey Gravel
SW - Well Graded Sand
SP - Poorly Graded Sand
SM - Silty Sand
SC - Clayey Sand
ML - Inorganic Silt / Sandy Silt
CL - Inorganic Clays/Sandy Clay
OL - Inorganic Silts/Organic Silty Clay
MH- Elastic Silts
CH - Inorganic Clay, High Plastic
OH - Organic Silt / Clay
PT - Peat/High Organics

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Fine grained brown sand, no odor
-2	0.0	SP	Fill-traces of bricks, concrete and glass
-4	0.0	SP	Fill-traces of bricks, concrete and glass
-6	0.0	SP	Fill-traces of bricks, concrete and glass, medium brown sand, no odor
-8	36	SP	Fill-traces of bricks, concrete and glass, brown and gray sand, compacted, petroleum odor
-10	72	SP	Fill, moist brown and grey sand, strong petroleum odor
-12	118	SP	Moist brown and gray sand, compacted, strong petroleum odor
-14	1064	SP	Gray, fine grained compacted sand, strong petroleum odor

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Brooklyn, New York 11238
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www.hydrotechenvironmental.com

Soil Probe Log

Job No:

Date: 3/18/14

Location: 346 West 40th Street, New York, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SP-2

Driller: Efrain

Drilling Method: Direct Push

Depth to Water: N/A

Total Depth: 15 feet

USCS SYMBOLS

GW - Well Graded Gravel
GP - Poorly Graded Gravel
GM - Silty Gravel
GC - Clayey Gravel
SW - Well Graded Sand
SP - Poorly Graded Sand
SM - Silty Sand
SC - Clayey Sand
ML - Inorganic Silt / Sandy Silt
CL - Inorganic Clays/Sandy Clay
OL - Inorganic Silts/Organic Silty Clay
MH- Elastic Silts
CH - Inorganic Clay, High Plastic
OH - Organic Silt / Clay
PT - Peat/High Organics

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Brown medium grained sand with traces of brick and asphalt
-2	0.0	SP	Brown medium grained sand with traces of brick and asphalt
-4	0.0	SP	Brown medium grained sand with traces of brick and asphalt
-6	0.0	SP	Brown fine grained sand
-8	0.0	SP	Moist brown and gray compacted sand, odor
-10	5.6	SP	Gray fine grained sand, odor
-12	17.7	SP	Gray fine grained sand, odor
-14	106	SP	Gray and brown fine grained compacted sand, odor

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Soil Probe Log

Job No:

Date: 3/18/14

Location: 346 West 40th Street, New York, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SP-3

Driller: Efrain

Drilling Method: Direct Push

Depth to Water: N/A

Total Depth: 14 feet

USCS SYMBOLS

GW - Well Graded Gravel
SW - Well Graded Sand
ML - Inorganic Silt / Sandy Silt
CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel
SP - Poorly Graded Sand
CL - Inorganic Clays/Sandy Clay
OH - Organic Silt / Clay
GM - Silty Gravel
SM - Silty Sand
OL - Inorganic Silts/Organic Silty Clay
PT - Peat/High Organics
GC - Clayey Gravel
SC - Clayey Sand
MH- Elastic Silts

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Brown medium grained sand, no odor
-2	0.0	SP	Brown medium grained sand, no odor
-4	0.0	SP	Brown medium grained sand and traces of asphalt, no odor
-6	0.0	SP	Moist brown medium grained sand no odor
-8	0.0	SP	Moist brow and black fine grained compacted sand
-10	13.8	SP	Moist brown and gray compacted sand with odor
-12	33.2	SP	Moist brown and gray compacted sand with odor
-14			

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www.hydrotechenvironmental.com

Soil Probe Log

Job No:

Date: 3/17/14

Location: 346 West 40th Street, New York, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SP-4

Driller: Efrain

Drilling Method: Direct Push

Depth to Water: N/A

Total Depth: 15 feet

USCS SYMBOLS

GW - Well Graded Gravel
SW - Well Graded Sand
ML - Inorganic Silt / Sandy Silt
CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel
SP - Poorly Graded Sand
CL - Inorganic Clays/Sandy Clay
OH - Organic Silt / Clay
GM - Silty Gravel
SM - Silty Sand
OL - Inorganic Silts/Organic Silty Clay
PT - Peat/High Organics
GC - Clayey Gravel
SC - Clayey Sand
MH- Elastic Silts

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Brown medium grained sand with pebbles
-2	0.0	SP	Brown medium grained sand with pebbles
-4	0.0	SP	Brown medium grained sand with pebbles and organic fill material
-6	4.5	SP	Brown, gray medium grained sand with pebbles
-8	21	SP	Brown, gray medium grained sand with pebbles
-10	17	SP	Brown, gray medium grained sand with pebbles, moist with petroleum odor
-12	189	SP	Brown fine grained compacted sand with petroleum odor
-14	221	SP	Gray, fine grained compacted sand, strong petroleum odor

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Soil Probe Log

Job No:

Date: 3/17/14

Location: 346 West 40th Street, New York, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SP-5

Driller: Efrain

Drilling Method: Direct Push

Depth to Water: N/A

Total Depth: 15 feet

USCS SYMBOLS

GW - Well Graded Gravel
SW - Well Graded Sand
ML - Inorganic Silt / Sandy Silt
CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel
SP - Poorly Graded Sand
CL - Inorganic Clays/Sandy Clay
OH - Organic Silt / Clay
GM - Silty Gravel
SM - Silty Sand
OL - Inorganic Silts/Organic Silty Clay
PT - Peat/High Organics
GC - Clayey Gravel
SC - Clayey Sand
MH- Elastic Silts

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Concrete, fill material, brown fine sand
-2	0.0	SP	Concrete, fill material, brown fine sand
-4	0.0	SP	Brown medium to fine grained sand, no odor
-6	6.4	SP	Brown, medium to fine sand with traces of asphalt, odor
-8	31	SP	Brown, gray medium grained sand with odor
-10	127	SP	Brow and gray sand compacted with strong odor
-12	212	SP	Brown and gray sand compacted with strong odor
-14		SP	Gray fine grained sand, copacted with strong odor

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Brooklyn, New York 11238
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www.hydrotechenvironmental.com

Soil Probe Log

Job No:

Date: 3/17/14

Location: 346 West 40th Street, New York, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SP-6

Driller: Efrain

Drilling Method: Direct Push

Depth to Water: N/A

Total Depth: 15 feet

USCS SYMBOLS

GW - Well Graded Gravel
SW - Well Graded Sand
ML - Inorganic Silt / Sandy Silt
CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel
SP - Poorly Graded Sand
CL - Inorganic Clays/Sandy Clay
OH - Organic Silt / Clay
GM - Silty Gravel
SM - Silty Sand
OL - Inorganic Silts/Organic Silty Clay
PT - Peat/High Organics
GC - Clayey Gravel
SC - Clayey Sand
MH- Elastic Silts

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Fill, medium to fine sand, no odor
-2	0.0	SP	Fill, medium to fine sand, no odor
-4	0.0	SP	Moist brown medium grained sand, no odor
-6	0.0	SP	Brown fine grained compacted sand, no odor
-8	0.0	SP	Brown fine grained compacted sand, no odor
-10	0.0	SP	Brown medium grained sand
-12	319	SP	Gray moist compacted fine sand, odor
-14	124	SP	Gray and brown compacted sand, strong odor

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www.hydrotechenvironmental.com

Soil Probe Log

Job No:

Date: 3/18/14

Location: 346 West 40th Street, New York, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SP-7

Driller: Efrain

Drilling Method: Direct Push

Depth to Water: N/A

Total Depth: 18 feet

USCS SYMBOLS

GW - Well Graded Gravel
SW - Well Graded Sand
ML - Inorganic Silt / Sandy Silt
CH - Inorganic Clay, High Plastic
GP - Poorly Graded Gravel
SP - Poorly Graded Sand
CL - Inorganic Clays/Sandy Clay
OH - Organic Silt / Clay
GM - Silty Gravel
SM - Silty Sand
OL - Inorganic Silts/Organic Silty Clay
PT - Peat/High Organics
GC - Clayey Gravel
SC - Clayey Sand
MH- Elastic Silts

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
-10	0.0	SP	Fill material and brown moist fine grained sand
-12	5.7	SP	Brown and gray moist fine grained compacted sand, odor
-14	11.2	SP	Brown and gray moist fine grained compacted sand, odor
-16	21.7	SP	Brown and gray wet fine grained compacted sand, odor
-18			

APPENDIX-E

MONITORING WELLS CONSTRUCTION LOGS

HYDRO TECH ENVIRONMENTAL CORP.

MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788

NYC OFFICE:
15 OCEAN AVENUE, SECOND FLOOR
BROOKLYN, NEW YORK 11238

PHONE: (631) 462-5866 FAX: (631) 462-5877

WELL CONSTRUCTION LOG

Job No: 140048 Date: 04-19-2014 Page: 1 OF 1

Location: 346 WEST 40th STREET, MANHATTAN NY

Well Number: MW-1

Drilling Method: DIRECT PUSH

Total Depth: 25.00'

Depth to Water: 16.55'

Manhole Size: 5"

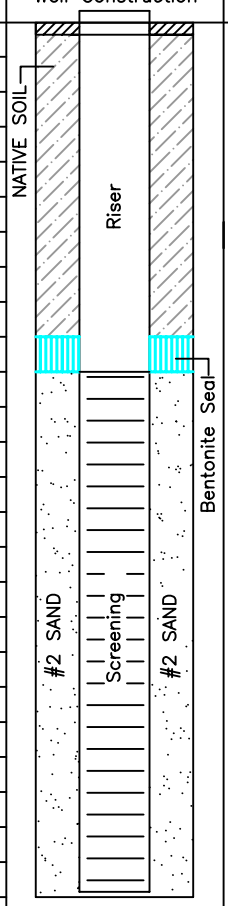
Screen Size: 0.010"

Screen Interval: 15.00'

Diameter: 1"

Riser Length: 10.00'

Sand Size: #2

Depth Below Grade (ft.)	Sample Interval (ft.)	Well Construction	Description
2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36			5" Manhole Cover. 0'-9.00' – Native Soil. 9.00'-10.00' – Bentonite Seal. 10.00'-25.00' – #2 Sand. 0'-10.00' – Riser 10.00'-25.00' – Screen

DRILLER: OSCAR
GEOLOGIST: EZGI

HYDRO TECH ENVIRONMENTAL CORP.

MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788

NYC OFFICE:
15 OCEAN AVENUE, SECOND FLOOR
BROOKLYN, NEW YORK 11238

PHONE: (631) 462-5866 FAX: (631) 462-5877

WELL CONSTRUCTION LOG

Job No: 140048 Date: 04-19-2014 Page: 1 OF 1

Location: 346 WEST 40th STREET, MANHATTAN NY

Well Number: MW-2

Drilling Method: DIRECT PUSH

Total Depth: 25.00'

Depth to Water: 16.00'

Manhole Size: 5"

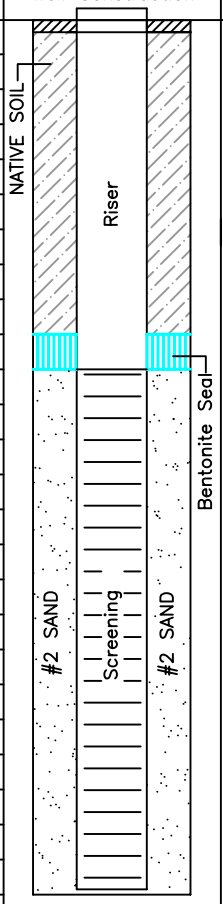
Screen Size: 0.010"

Screen Interval: 15.00'

Diameter: 1"

Riser Length: 10.00'

Sand Size: #2

Depth Below Grade (ft.)	Sample Interval (ft.)	Well Construction	Description
2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36			5" Manhole Cover. 0'-9.00' – Native Soil. 9.00'-10.00' – Bentonite Seal. 10.00'-25.00' – #2 Sand. 0'-10.00' – Riser 10.00'-25.00' – Screen

DRILLER: OSCAR
GEOLOGIST: EZGI

HYDRO TECH ENVIRONMENTAL CORP.

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HAUPPAUGE, NEW YORK 11788

NYC OFFICE:
15 OCEAN AVENUE, SECOND FLOOR
BROOKLYN, NEW YORK 11238

PHONE: (631) 462-5866 FAX: (631) 462-5877

WELL CONSTRUCTION LOG

Job No: 140048 Date: 04-19-2014 Page: 1 OF 1

Location: 346 WEST 40th STREET, MANHATTAN NY

Well Number: MW-3

Drilling Method: DIRECT PUSH

Total Depth: 25.00'

Depth to Water: 17.13'

Manhole Size: 5"

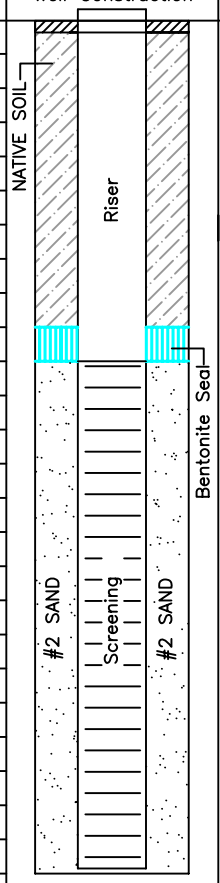
Screen Size: 0.010"

Screen Interval: 15.00'

Diameter: 1"

Riser Length: 10.00'

Sand Size: #2

Depth Below Grade (ft.)	Sample Interval (ft.)	Well Construction	Description
2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36			5" Manhole Cover. 0'-9.00' – Native Soil. 9.00'-10.00' – Bentonite Seal. 10.00'-25.00' – #2 Sand. 0'-10.00' – Riser 10.00'-25.00' – Screen

DRILLER: OSCAR
GEOLOGIST: EZGI

APPENDIX-F

WELL PURGING AND SAMPLING LOG

Hydro Tech Environmental, Corp.

WELL SAMPLING SHEET

Job No.: 140048 Well No.: 1 Date: 3/19/14

Well Depth: 25' Screen Length: 15' Well Diameter: 1" Casing Type: _____

Sampling Device: pump horiba Tubing Type: PCE Initial DTP: — Initial DTW: 16.55

Well Volume: _____ Total Volume Purged: 5gal.

Sampling Personnel: Mario x Ronil

LOW-FLOW SAMPLING REQUIRED? YES X NO _____

LOW FLOW PARAMETERS

Order of stabilization / Deviation	1 ±1	2	3 ± 3%	4 ± 10%	5 ± 10%	6 ± 10 mv	
Time	pH	Temp (~~°F~~ °C)	Cond. (S/Cm) mS/cm	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Notes
12:36	6.70	15.34	2.81	9.37	9.71	34	2L
12:40	6.74	15.63	2.80	10.43	11.03	49	1L
12:43	6.80	15.62	2.76	12.22	10.86	43	3L

APPENDIX-G

SOIL VAPOR SAMPLING LOG

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record - AIR

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. 13C0687

YOUR Information

Company: Hydro Tech Env. Corp.
Address: 15 Ocean Avenue, 2nd Floor, Brooklyn, NY
Phone No. 718-636-0800
Contact Person: Paul Matli
E-Mail Address: pmatli@htecorp.info

Report To:

Company:
Address:
Phone No.:
Attention:
E-Mail Address:

SAME

Invoice To:

Company: SAME
Address: 77 Arkay Drive, Suite: G, Hauppauge, NY
Phone No. 631-462-5866
Attention: Muslima Ward
E-Mail Address: mward@htecorp.info

YOUR Project ID

140048-346 W 40th Street, New York

Purchase Order No.

5873

Samples from: CT___ NY X 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/Deliverables

- Summary Report ____
- Summary w/ QA Summary ____
- CT RCP Package ____
- NY ASP A Package ____
- NY ASP B/CLP Pkg ____
- NJDEP Reduced ____

Electronic Deliverables:

- EDD (Specify Type) ____
- Standard Excel ____
- Regulatory Comparison Excel X

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)

Ezgi Karayel
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

TO15 Volatiles and Other Gas Analyses

EPA TO-15 List	EPA TO-14A List
NYSDEC VI list	Tentatively Identified Compounds
NYSDEC STARS List	Air VPH
Project Specific List by TO-15	Helium
NJDEP Target List	Methane
CTDEP RCP Target List	OTHER_____

Detection Limits Required

- ≤ 1 ug/m³ ____
- NYSDEC VI Limits____ (VI = vapor intrusion)
- NJDEP low level ____
- Routine Survey ____
- Other_____

Special Instructions

NYSDOH indoor & outdoor

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
SV-1 (15612)	3/19/14	AS	-30	30	TO-15, Helium	6 Liter Summa canister X / Tedlar Bag ____
SV-2 (Y61)	↓	↓	-25	-4	↓	6 Liter Summa canister X / Tedlar Bag ____
SV-3 (41)	↓	↓	-30	-20	↓	6 Liter Summa canister X / Tedlar Bag ____
SV-4 (Y69)	↓	↓	-27	0	↓	6 Liter Summa canister X / Tedlar Bag ____
AO (S16)	↓	AO	-30	-15	↓	6 Liter Summa canister X / Tedlar Bag ____
						6 Liter Summa canister ____ / Tedlar Bag ____
						6 Liter Summa canister ____ / Tedlar Bag ____
						6 Liter Summa canister ____ / Tedlar Bag ____
						6 Liter Summa canister ____ / Tedlar Bag ____
						6 Liter Summa canister ____ / Tedlar Bag ____

Comments

E-designation project
-problem with flow meters.

Samples Relinquished By — Date/Time: 3/20/14 12:10 pm

Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 3/20/14 12:10 pm

Samples Received in LAB by — Date/Time: 3/20/14 - 1720

APPENDIX-H

LABORATORY DATA DELIVERABLES FOR SOIL ANALYTICAL DATA

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Paul Matli

Report Date: 03/24/2014
Client Project ID: 140051-346 W 40th St, New York, NY
York Project (SDG) No.: 14C0568

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: 03/24/2014
Client Project ID: 140051-346 W 40th St, New York, NY
York Project (SDG) No.: 14C0568

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Paul Matli

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 March 18, 2014 and listed below. The project was identified as your project: **140051-346 W 40th St, New York, NY**.

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
14C0568-01	SP-1 (0'-2')	Soil	03/17/2014	03/18/2014
14C0568-02	SP-1 (13'-15')	Soil	03/17/2014	03/18/2014
14C0568-03	SP-4 (0'-2')	Soil	03/17/2014	03/18/2014
14C0568-04	SP-4 (13'-15')	Soil	03/17/2014	03/18/2014
14C0568-05	SP-5 (0'-2')	Soil	03/17/2014	03/18/2014
14C0568-06	SP-5 (12'-14')	Soil	03/17/2014	03/18/2014
14C0568-08	Field Blank	Water	03/17/2014	03/18/2014

General Notes for York Project (SDG) No.: 14C0568

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: 03/24/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **14C0568-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	80	160	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
78-93-3	2-Butanone	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
67-64-1	**Acetone**	**14**	CCV-E, J, B	ug/kg dry	4.0	16	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
71-43-2	Benzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
108-86-1	Bromobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
75-25-2	Bromoform	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
74-83-9	Bromomethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **14C0568-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
75-00-3	Chloroethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
67-66-3	Chloroform	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
74-87-3	Chloromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
74-95-3	Dibromomethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
75-09-2	**Methylene chloride**	**15**	J, B	ug/kg dry	4.0	16	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
91-20-3	Naphthalene	ND		ug/kg dry	4.0	16	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
95-47-6	o-Xylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.0	16	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
100-42-5	Styrene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
108-88-3	Toluene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	12	24	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	03/19/2014 16:51	03/20/2014 03:39	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.7 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*99.8 %*	*90-112*

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **14C0568-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
62-53-3	Aniline	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
120-12-7	Anthracene	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
56-55-3	**Benzo(a)anthracene**	**65.0**	J	ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
50-32-8	**Benzo(a)pyrene**	**77.5**	J	ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
205-99-2	**Benzo(b)fluoranthene**	**74.2**	J	ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	92.1	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
207-08-9	**Benzo(k)fluoranthene**	**70.9**	J	ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	92.1	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	92.1	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	92.1	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
218-01-9	**Chrysene**	**86.2**	J	ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	183	365	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	92.1	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.1	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	183	365	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	92.1	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **14C0568-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
206-44-0	**Fluoranthene**	**153**	J	ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
86-73-7	Fluorene	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	92.1	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
78-59-1	Isophorone	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	92.1	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	92.1	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
91-20-3	Naphthalene	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.1	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.1	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.1	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	92.1	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	92.1	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
85-01-8	**Phenanthrene**	**95.4**	J	ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
108-95-2	Phenol	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
129-00-0	**Pyrene**	**120**	J	ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
110-86-1	Pyridine	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.0	183	1	EPA 8270D	03/19/2014 11:00	03/19/2014 15:38	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*35.2 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*40.0 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*52.4 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*45.7 %*	*10-126*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*22.6 %*	*10-150*

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **14C0568-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	*Surrogate: Terphenyl-d14*	*68.6 %*			*10-137*						

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	91.5	91.5	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:15	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.04	9.04	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:15	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:15	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:15	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:15	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:15	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:15	JW
72-20-8	Endrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:15	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:15	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:15	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:15	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:15	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:15	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.23	7.23	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:15	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:15	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:15	JW
309-00-2	Aldrin	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:15	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:15	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:15	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.81	1.81	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:15	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:02	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:02	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:02	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:02	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:02	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:02	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:02	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.45	18.6	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:02	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.8 %*	*30-140*

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **14C0568-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8300**		mg/kg dry	1.10	1.10	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7440-36-0	**Antimony**	**0.699**		mg/kg dry	0.548	0.548	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7440-38-2	**Arsenic**	**5.45**		mg/kg dry	1.10	1.10	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7440-39-3	**Barium**	**114**		mg/kg dry	1.10	1.10	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.110	0.110	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.329	0.329	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7440-70-2	**Calcium**	**22200**		mg/kg dry	0.548	5.48	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7440-47-3	**Chromium**	**35.1**		mg/kg dry	0.548	0.548	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7440-48-4	**Cobalt**	**5.95**		mg/kg dry	0.548	0.548	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7440-50-8	**Copper**	**31.8**		mg/kg dry	0.548	0.548	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7439-89-6	**Iron**	**13700**		mg/kg dry	2.19	2.19	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7439-92-1	**Lead**	**180**		mg/kg dry	0.329	0.329	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7439-95-4	**Magnesium**	**3980**		mg/kg dry	5.48	5.48	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7439-96-5	**Manganese**	**266**		mg/kg dry	0.548	0.548	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7440-02-0	**Nickel**	**14.2**		mg/kg dry	0.548	0.548	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7440-09-7	**Potassium**	**1550**		mg/kg dry	5.48	5.48	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7782-49-2	Selenium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7440-22-4	Silver	ND		mg/kg dry	0.548	0.548	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7440-23-5	**Sodium**	**624**		mg/kg dry	11.0	11.0	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7440-62-2	**Vanadium**	**19.7**		mg/kg dry	1.10	1.10	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW
7440-66-6	**Zinc**	**119**		mg/kg dry	1.10	1.10	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:52	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.450**		mg/kg dry	0.0329	0.0329	1	EPA 7473	03/19/2014 11:24	03/19/2014 15:38	ALD

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **14C0568-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.2**		%	0.100	0.100	1	SM 2540G	03/20/2014 12:58	03/21/2014 07:51	ALD

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.384	0.548	1	EPA 7196A	03/21/2014 08:44	03/24/2014 14:27	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**32.0**		mg/kg	0.250	0.500	1	Calculation	03/24/2014 14:32	03/24/2014 14:39	SC

Sample Information

Client Sample ID: **SP-1 (13'-15')** **York Sample ID:** **14C0568-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
95-63-6	**1,2,4-Trimethylbenzene**	**39000**		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS

Sample Information

Client Sample ID: **SP-1 (13'-15')** **York Sample ID:** **14C0568-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
108-67-8	**1,3,5-Trimethylbenzene**	**14000**		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	27000	54000	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
78-93-3	2-Butanone	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
67-64-1	Acetone	ND		ug/kg dry	1400	5400	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
71-43-2	Benzene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
75-25-2	Bromoform	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
74-83-9	Bromomethane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
75-00-3	Chloroethane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
67-66-3	Chloroform	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
74-87-3	Chloromethane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
74-95-3	Dibromomethane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
100-41-4	**Ethyl Benzene**	**11000**		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
98-82-8	**Isopropylbenzene**	**1700**	J	ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
75-09-2	Methylene chloride	ND		ug/kg dry	1400	5400	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
91-20-3	**Naphthalene**	**5100**	J, B	ug/kg dry	1400	5400	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS

Sample Information

Client Sample ID: **SP-1 (13'-15')** **York Sample ID:** **14C0568-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
103-65-1	**n-Propylbenzene**	**5900**		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
95-47-6	o-Xylene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
179601-23-1	**p- & m- Xylenes**	**45000**		ug/kg dry	2700	5400	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
99-87-6	**p-Isopropyltoluene**	**1600**	J	ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
100-42-5	Styrene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
108-88-3	Toluene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
1330-20-7	**Xylenes, Total**	**45000**		ug/kg dry	4100	8200	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	1400	2700	500	EPA 8260C	03/21/2014 08:27	03/21/2014 13:10	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*76.4 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.2 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*99.2 %*	*90-112*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
62-53-3	Aniline	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
120-12-7	Anthracene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR

Sample Information

Client Sample ID: **SP-1 (13'-15')** **York Sample ID:** **14C0568-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
218-01-9	Chrysene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	200	400	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	200	400	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
206-44-0	Fluoranthene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
86-73-7	Fluorene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
78-59-1	Isophorone	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
91-57-6	**2-Methylnaphthalene**	**558**		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR

Sample Information

Client Sample ID: **SP-1 (13'-15')** **York Sample ID:** **14C0568-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
91-20-3	**Naphthalene**	**287**		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
85-01-8	Phenanthrene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
108-95-2	Phenol	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
129-00-0	Pyrene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
110-86-1	Pyridine	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.4	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:09	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*45.1 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*45.8 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*60.6 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*46.7 %*	*10-126*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*91.4 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*79.5 %*	*10-137*

Sample Information

Client Sample ID: **SP-1 (13'-15')** **York Sample ID:** **14C0568-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	100	100	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:47	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.90	9.90	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:47	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:47	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:47	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:47	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:47	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:47	JW
72-20-8	Endrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:47	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:47	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:47	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:47	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:47	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:47	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.92	7.92	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:47	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:47	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:47	JW
309-00-2	Aldrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:47	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:47	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:47	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 16:47	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.4	20.4	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:21	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.4	20.4	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:21	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.4	20.4	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:21	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.4	20.4	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:21	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.4	20.4	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:21	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.4	20.4	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:21	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.4	20.4	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:21	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	8.16	20.4	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:21	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.9 %*	*30-140*

Sample Information

Client Sample ID: **SP-1 (13'-15')** **York Sample ID:** **14C0568-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8650**		mg/kg dry	1.20	1.20	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7440-36-0	Antimony	ND		mg/kg dry	0.600	0.600	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7440-38-2	**Arsenic**	**2.26**		mg/kg dry	1.20	1.20	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7440-39-3	**Barium**	**265**		mg/kg dry	1.20	1.20	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7440-41-7	**Beryllium**	**0.120**		mg/kg dry	0.120	0.120	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.360	0.360	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7440-70-2	**Calcium**	**2090**		mg/kg dry	0.600	6.00	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7440-47-3	**Chromium**	**13.2**		mg/kg dry	0.600	0.600	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7440-48-4	**Cobalt**	**5.98**		mg/kg dry	0.600	0.600	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7440-50-8	**Copper**	**14.1**		mg/kg dry	0.600	0.600	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7439-89-6	**Iron**	**16900**		mg/kg dry	2.40	2.40	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7439-92-1	**Lead**	**6.99**		mg/kg dry	0.360	0.360	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7439-95-4	**Magnesium**	**2910**		mg/kg dry	6.00	6.00	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7439-96-5	**Manganese**	**987**		mg/kg dry	0.600	0.600	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7440-02-0	**Nickel**	**14.2**		mg/kg dry	0.600	0.600	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7440-09-7	**Potassium**	**801**		mg/kg dry	6.00	6.00	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7782-49-2	**Selenium**	**1.68**		mg/kg dry	1.20	1.20	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7440-22-4	Silver	ND		mg/kg dry	0.600	0.600	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7440-23-5	**Sodium**	**262**		mg/kg dry	12.0	12.0	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7440-28-0	Thallium	ND		mg/kg dry	1.20	1.20	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7440-62-2	**Vanadium**	**12.5**		mg/kg dry	1.20	1.20	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW
7440-66-6	**Zinc**	**43.3**		mg/kg dry	1.20	1.20	1	EPA 6010C	03/19/2014 14:02	03/19/2014 19:57	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0360	0.0360	1	EPA 7473	03/19/2014 11:24	03/19/2014 15:51	ALD

Sample Information

Client Sample ID: **SP-1 (13'-15')** **York Sample ID:** **14C0568-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.3**		%	0.100	0.100	1	SM 2540G	03/20/2014 12:58	03/21/2014 07:51	ALD

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.420	0.600	1	EPA 7196A	03/21/2014 08:44	03/24/2014 14:27	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**11.0**		mg/kg	0.250	0.500	1	Calculation	03/24/2014 14:32	03/24/2014 14:39	SC

Sample Information

Client Sample ID: **SP-4 (0'-2')** **York Sample ID:** **14C0568-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS

Sample Information

Client Sample ID: **SP-4 (0'-2')** **York Sample ID:** **14C0568-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
67-64-1	**Acetone**	**14**	B	ug/kg dry	2.5	10	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
75-09-2	**Methylene chloride**	**4.4**	J	ug/kg dry	2.5	10	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.5	10	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS

Sample Information

Client Sample ID: **SP-4 (0'-2')** **York Sample ID:** **14C0568-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
100-42-5	Styrene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
108-88-3	Toluene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.5	5.1	1	EPA 8260C	03/21/2014 08:27	03/21/2014 12:36	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.5 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*96.7 %*	*90-112*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
62-53-3	Aniline	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
120-12-7	Anthracene	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
50-32-8	**Benzo(a)pyrene**	**49.8**	J	ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	93.0	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	93.0	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR

Sample Information

Client Sample ID: **SP-4 (0'-2')** **York Sample ID:** **14C0568-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	93.0	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	93.0	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
218-01-9	**Chrysene**	**64.6**	J	ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	185	369	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	93.0	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.0	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	185	369	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	93.0	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
206-44-0	**Fluoranthene**	**103**	J	ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
86-73-7	Fluorene	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	93.0	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
78-59-1	Isophorone	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	93.0	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR

Sample Information

Client Sample ID: **SP-4 (0'-2')** **York Sample ID:** **14C0568-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	93.0	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
91-20-3	Naphthalene	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.0	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.0	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.0	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	93.0	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	93.0	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
85-01-8	**Phenanthrene**	**85.3**	J	ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
108-95-2	Phenol	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
129-00-0	**Pyrene**	**104**	J	ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
110-86-1	Pyridine	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.5	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 16:40	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*29.3 %*		*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*46.1 %*		*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*60.0 %*		*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*54.2 %*		*10-126*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*6.40 %*	S-04	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*82.5 %*		*10-137*

Sample Information

Client Sample ID: **SP-4 (0'-2')** **York Sample ID:** **14C0568-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	92.5	92.5	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:03	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.14	9.14	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:03	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:03	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:03	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:03	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:03	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:03	JW
72-20-8	Endrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:03	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:03	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:03	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:03	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:03	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:03	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.31	7.31	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:03	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:03	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:03	JW
309-00-2	Aldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:03	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:03	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:03	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:03	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:41	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:41	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:41	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:41	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:41	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:41	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:41	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.53	18.8	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 09:41	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*90.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.8 %*	*30-140*

Sample Information

Client Sample ID: **SP-4 (0'-2')** **York Sample ID:** **14C0568-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7530**		mg/kg dry	1.11	1.11	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7440-36-0	Antimony	ND		mg/kg dry	0.554	0.554	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7440-38-2	**Arsenic**	**5.76**		mg/kg dry	1.11	1.11	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7440-39-3	**Barium**	**95.2**		mg/kg dry	1.11	1.11	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.332	0.332	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7440-70-2	**Calcium**	**16200**		mg/kg dry	0.554	5.54	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7440-47-3	**Chromium**	**11.8**		mg/kg dry	0.554	0.554	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7440-48-4	**Cobalt**	**5.43**		mg/kg dry	0.554	0.554	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7440-50-8	**Copper**	**21.0**		mg/kg dry	0.554	0.554	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7439-89-6	**Iron**	**12000**		mg/kg dry	2.22	2.22	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7439-92-1	**Lead**	**78.4**		mg/kg dry	0.332	0.332	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7439-95-4	**Magnesium**	**2840**		mg/kg dry	5.54	5.54	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7439-96-5	**Manganese**	**369**		mg/kg dry	0.554	0.554	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7440-02-0	**Nickel**	**12.8**		mg/kg dry	0.554	0.554	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7440-09-7	**Potassium**	**846**		mg/kg dry	5.54	5.54	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7782-49-2	Selenium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7440-22-4	Silver	ND		mg/kg dry	0.554	0.554	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7440-23-5	**Sodium**	**676**		mg/kg dry	11.1	11.1	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7440-62-2	**Vanadium**	**14.9**		mg/kg dry	1.11	1.11	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW
7440-66-6	**Zinc**	**52.3**		mg/kg dry	1.11	1.11	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:14	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.332**		mg/kg dry	0.0332	0.0332	1	EPA 7473	03/19/2014 11:24	03/19/2014 16:00	ALD

Sample Information

Client Sample ID: **SP-4 (0'-2')** **York Sample ID:** **14C0568-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.3**		%	0.100	0.100	1	SM 2540G	03/20/2014 12:58	03/21/2014 07:51	ALD

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.388	0.554	1	EPA 7196A	03/21/2014 08:44	03/24/2014 14:27	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**10.7**		mg/kg	0.250	0.500	1	Calculation	03/24/2014 14:32	03/24/2014 14:39	SC

Sample Information

Client Sample ID: **SP-4 (13'-15')** **York Sample ID:** **14C0568-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
95-63-6	**1,2,4-Trimethylbenzene**	**7200**		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS

Sample Information

Client Sample ID: **SP-4 (13'-15')** **York Sample ID:** **14C0568-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
108-67-8	**1,3,5-Trimethylbenzene**	**2300**		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	4800	9600	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
78-93-3	2-Butanone	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
67-64-1	Acetone	ND		ug/kg dry	240	960	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
71-43-2	**Benzene**	**2300**		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
108-86-1	Bromobenzene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
75-25-2	Bromoform	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
74-83-9	Bromomethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
75-00-3	Chloroethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
67-66-3	Chloroform	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
74-87-3	Chloromethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
74-95-3	Dibromomethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
100-41-4	**Ethyl Benzene**	**5200**		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
98-82-8	**Isopropylbenzene**	**360**	J	ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
75-09-2	Methylene chloride	ND		ug/kg dry	240	960	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
91-20-3	**Naphthalene**	**1500**	B	ug/kg dry	240	960	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS

Sample Information

Client Sample ID: **SP-4 (13'-15')** **York Sample ID:** **14C0568-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	**n-Butylbenzene**	**470**	J	ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
103-65-1	**n-Propylbenzene**	**1300**		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
95-47-6	**o-Xylene**	**6900**		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
179601-23-1	**p- & m- Xylenes**	**18000**		ug/kg dry	480	960	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
100-42-5	Styrene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
108-88-3	**Toluene**	**7300**		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
1330-20-7	**Xylenes, Total**	**25000**		ug/kg dry	720	1400	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	240	480	100	EPA 8260C	03/24/2014 08:57	03/24/2014 14:26	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*76.4 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.8 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*90-112*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
62-53-3	Aniline	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
120-12-7	Anthracene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR

Sample Information

Client Sample ID: **SP-4 (13'-15')** **York Sample ID:** **14C0568-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
218-01-9	Chrysene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	200	399	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
105-67-9	**2,4-Dimethylphenol**	**51.9**	J	ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	200	399	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
206-44-0	Fluoranthene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
86-73-7	Fluorene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
78-59-1	Isophorone	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
91-57-6	**2-Methylnaphthalene**	**1580**		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR

Sample Information

Client Sample ID: **SP-4 (13'-15')** **York Sample ID:** **14C0568-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
91-20-3	**Naphthalene**	**1010**		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	101	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
85-01-8	Phenanthrene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
108-95-2	Phenol	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
129-00-0	Pyrene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
110-86-1	Pyridine	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.3	200	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:11	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*42.7 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*45.5 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*63.7 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*50.6 %*	*10-126*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*99.6 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*89.9 %*	*10-137*

Sample Information

Client Sample ID: **SP-4 (13'-15')** **York Sample ID:** **14C0568-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	100	100	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:18	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.88	9.88	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:18	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:18	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:18	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:18	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:18	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:18	JW
72-20-8	Endrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:18	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:18	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:18	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:18	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:18	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:18	JW
57-74-9	**Chlordane, total**	**14.0**		ug/kg dry	7.91	7.91	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:18	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:18	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:18	JW
309-00-2	Aldrin	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:18	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:18	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:18	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.98	1.98	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:18	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.4	20.4	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:00	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.4	20.4	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:00	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.4	20.4	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:00	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.4	20.4	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:00	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.4	20.4	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:00	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.4	20.4	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:00	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.4	20.4	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:00	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	8.15	20.4	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:00	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.8 %*	*30-140*

Sample Information

Client Sample ID: **SP-4 (13'-15')** **York Sample ID:** **14C0568-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9300**		mg/kg dry	1.20	1.20	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7440-36-0	Antimony	ND		mg/kg dry	0.599	0.599	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7440-38-2	**Arsenic**	**2.85**		mg/kg dry	1.20	1.20	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7440-39-3	**Barium**	**122**		mg/kg dry	1.20	1.20	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.120	0.120	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.359	0.359	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7440-70-2	**Calcium**	**1230**		mg/kg dry	0.599	5.99	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7440-47-3	**Chromium**	**16.1**		mg/kg dry	0.599	0.599	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7440-48-4	**Cobalt**	**5.36**		mg/kg dry	0.599	0.599	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7440-50-8	**Copper**	**11.8**		mg/kg dry	0.599	0.599	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7439-89-6	**Iron**	**13500**		mg/kg dry	2.40	2.40	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7439-92-1	**Lead**	**36.1**		mg/kg dry	0.359	0.359	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7439-95-4	**Magnesium**	**2460**		mg/kg dry	5.99	5.99	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7439-96-5	**Manganese**	**361**		mg/kg dry	0.599	0.599	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7440-02-0	**Nickel**	**14.7**		mg/kg dry	0.599	0.599	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7440-09-7	**Potassium**	**722**		mg/kg dry	5.99	5.99	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7782-49-2	**Selenium**	**1.29**		mg/kg dry	1.20	1.20	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7440-22-4	Silver	ND		mg/kg dry	0.599	0.599	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7440-23-5	**Sodium**	**124**		mg/kg dry	12.0	12.0	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7440-28-0	Thallium	ND		mg/kg dry	1.20	1.20	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7440-62-2	**Vanadium**	**13.7**		mg/kg dry	1.20	1.20	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW
7440-66-6	**Zinc**	**41.8**		mg/kg dry	1.20	1.20	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:32	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0641**		mg/kg dry	0.0359	0.0359	1	EPA 7473	03/19/2014 11:24	03/19/2014 16:09	ALD

Sample Information

Client Sample ID: **SP-4 (13'-15')** **York Sample ID:** **14C0568-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**83.5**		%	0.100	0.100	1	SM 2540G	03/20/2014 12:58	03/21/2014 07:51	ALD

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.419	0.599	1	EPA 7196A	03/21/2014 08:44	03/24/2014 14:27	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**13.4**		mg/kg	0.250	0.500	1	Calculation	03/24/2014 14:32	03/24/2014 14:39	SC

Sample Information

Client Sample ID: **SP-5 (0'-2')** **York Sample ID:** **14C0568-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS

Sample Information

Client Sample ID: **SP-5 (0'-2')** **York Sample ID:** **14C0568-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	78	160	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
67-64-1	Acetone	ND		ug/kg dry	3.9	16	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
71-43-2	Benzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
108-86-1	Bromobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
75-25-2	Bromoform	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
67-66-3	Chloroform	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
75-09-2	**Methylene chloride**	**6.2**	J, B	ug/kg dry	3.9	16	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
91-20-3	Naphthalene	ND		ug/kg dry	3.9	16	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS

Sample Information

Client Sample ID: **SP-5 (0'-2')** **York Sample ID:** **14C0568-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.8	16	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
100-42-5	Styrene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
108-88-3	Toluene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	12	23	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	3.9	7.8	1	EPA 8260C	03/19/2014 10:12	03/19/2014 14:54	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*98.9 %*	*90-112*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
62-53-3	Aniline	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
120-12-7	Anthracene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR

Sample Information

Client Sample ID: **SP-5 (0'-2')** **York Sample ID:** **14C0568-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
218-01-9	Chrysene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	185	369	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	185	370	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
206-44-0	Fluoranthene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
86-73-7	Fluorene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
78-59-1	Isophorone	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR

Sample Information

Client Sample ID: **SP-5 (0'-2')** **York Sample ID:** **14C0568-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
91-20-3	Naphthalene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
85-01-8	Phenanthrene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
108-95-2	Phenol	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
129-00-0	Pyrene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
110-86-1	Pyridine	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/19/2014 11:00	03/19/2014 17:42	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*35.4 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*40.4 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*53.2 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*44.3 %*	*10-126*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*70.7 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*69.2 %*	*10-137*

Sample Information

Client Sample ID: **SP-5 (0'-2')** **York Sample ID:** **14C0568-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	92.6	92.6	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:34	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.15	9.15	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:34	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:34	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:34	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:34	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:34	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:34	JW
72-20-8	Endrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:34	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:34	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:34	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:34	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:34	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:34	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.32	7.32	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:34	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:34	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:34	JW
309-00-2	Aldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:34	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:34	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:34	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:34	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:19	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:19	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:19	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:19	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:19	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:19	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:19	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.54	18.9	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:19	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.7 %*	*30-140*

Sample Information

Client Sample ID: **SP-5 (0'-2')** **York Sample ID:** **14C0568-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7120**		mg/kg dry	1.11	1.11	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7440-36-0	Antimony	ND		mg/kg dry	0.555	0.555	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7440-38-2	**Arsenic**	**4.18**		mg/kg dry	1.11	1.11	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7440-39-3	**Barium**	**137**		mg/kg dry	1.11	1.11	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.333	0.333	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7440-70-2	**Calcium**	**25600**		mg/kg dry	0.555	5.55	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7440-47-3	**Chromium**	**11.9**		mg/kg dry	0.555	0.555	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7440-48-4	**Cobalt**	**5.73**		mg/kg dry	0.555	0.555	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7440-50-8	**Copper**	**21.8**		mg/kg dry	0.555	0.555	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7439-89-6	**Iron**	**11000**		mg/kg dry	2.22	2.22	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7439-92-1	**Lead**	**299**		mg/kg dry	0.333	0.333	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7439-95-4	**Magnesium**	**2930**		mg/kg dry	5.55	5.55	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7439-96-5	**Manganese**	**237**		mg/kg dry	0.555	0.555	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7440-02-0	**Nickel**	**14.3**		mg/kg dry	0.555	0.555	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7440-09-7	**Potassium**	**1410**		mg/kg dry	5.55	5.55	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7782-49-2	Selenium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7440-22-4	Silver	ND		mg/kg dry	0.555	0.555	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7440-23-5	**Sodium**	**532**		mg/kg dry	11.1	11.1	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7440-62-2	**Vanadium**	**15.2**		mg/kg dry	1.11	1.11	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW
7440-66-6	**Zinc**	**104**		mg/kg dry	1.11	1.11	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:37	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.110**		mg/kg dry	0.0333	0.0333	1	EPA 7473	03/19/2014 11:24	03/19/2014 16:18	ALD

Sample Information

Client Sample ID: **SP-5 (0'-2')** **York Sample ID:** **14C0568-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.1**		%	0.100	0.100	1	SM 2540G	03/20/2014 12:58	03/21/2014 07:51	ALD

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.388	0.555	1	EPA 7196A	03/21/2014 08:44	03/24/2014 14:27	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**10.7**		mg/kg	0.250	0.500	1	Calculation	03/24/2014 14:32	03/24/2014 14:39	SC

Sample Information

Client Sample ID: **SP-5 (12'-14')** **York Sample ID:** **14C0568-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
95-63-6	**1,2,4-Trimethylbenzene**	**350000**		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS

Sample Information

Client Sample ID: **SP-5 (12'-14')** **York Sample ID:** **14C0568-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
108-67-8	**1,3,5-Trimethylbenzene**	**110000**		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	230000	470000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
78-93-3	2-Butanone	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
67-64-1	Acetone	ND		ug/kg dry	12000	47000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
71-43-2	**Benzene**	**12000**	J	ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
108-86-1	Bromobenzene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
75-25-2	Bromoform	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
74-83-9	Bromomethane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
75-00-3	Chloroethane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
67-66-3	Chloroform	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
74-87-3	Chloromethane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
74-95-3	Dibromomethane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
100-41-4	**Ethyl Benzene**	**250000**		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
98-82-8	**Isopropylbenzene**	**19000**	J	ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
75-09-2	**Methylene chloride**	**43000**	J, B	ug/kg dry	12000	47000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
91-20-3	**Naphthalene**	**43000**	CCV-E, J, B	ug/kg dry	12000	47000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS

Sample Information

Client Sample ID: **SP-5 (12'-14')** **York Sample ID:** **14C0568-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
103-65-1	**n-Propylbenzene**	**64000**		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
95-47-6	**o-Xylene**	**320000**		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
179601-23-1	**p- & m- Xylenes**	**910000**		ug/kg dry	23000	47000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
100-42-5	Styrene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
108-88-3	**Toluene**	**670000**		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
1330-20-7	**Xylenes, Total**	**1200000**		ug/kg dry	35000	70000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	12000	23000	5000	EPA 8260C	03/19/2014 10:12	03/19/2014 15:28	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*76.2 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.4 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*97.7 %*	*90-112*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
62-53-3	Aniline	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
120-12-7	Anthracene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	498	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	498	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR

Sample Information

Client Sample ID: **SP-5 (12'-14')** **York Sample ID:** **14C0568-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	498	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	498	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
218-01-9	Chrysene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	990	1970	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	498	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	498	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	990	1980	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	498	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
206-44-0	Fluoranthene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
86-73-7	Fluorene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	498	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
78-59-1	Isophorone	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
91-57-6	**2-Methylnaphthalene**	**3470**		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	498	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR

Sample Information

Client Sample ID: **SP-5 (12'-14')** **York Sample ID:** **14C0568-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	498	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
91-20-3	**Naphthalene**	**2630**		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	498	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	498	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	498	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	498	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	498	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
85-01-8	Phenanthrene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
108-95-2	Phenol	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
129-00-0	Pyrene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
110-86-1	Pyridine	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	249	988	5	EPA 8270D	03/19/2014 11:00	03/20/2014 12:38	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*52.2 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*59.9 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*71.2 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*60.1 %*	*10-126*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*59.8 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*74.6 %*	*10-137*

Sample Information

Client Sample ID: **SP-5 (12'-14')** **York Sample ID:** **14C0568-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	99.0	99.0	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:50	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.78	9.78	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:50	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:50	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:50	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:50	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:50	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:50	JW
72-20-8	Endrin	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:50	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:50	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:50	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:50	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:50	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:50	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.83	7.83	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:50	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:50	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:50	JW
309-00-2	Aldrin	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:50	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:50	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:50	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.96	1.96	5	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 17:50	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.2	20.2	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:38	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.2	20.2	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:38	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.2	20.2	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:38	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.2	20.2	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:38	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.2	20.2	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:38	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.2	20.2	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:38	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.2	20.2	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:38	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	8.06	20.2	1	EPA 8081B/8082A	03/18/2014 20:00	03/19/2014 10:38	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.5 %*	*30-140*

Sample Information

Client Sample ID: **SP-5 (12'-14')** **York Sample ID:** **14C0568-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9810**		mg/kg dry	1.19	1.19	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7440-36-0	Antimony	ND		mg/kg dry	0.593	0.593	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7440-38-2	**Arsenic**	**1.93**		mg/kg dry	1.19	1.19	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7440-39-3	**Barium**	**138**		mg/kg dry	1.19	1.19	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7440-41-7	**Beryllium**	**0.158**		mg/kg dry	0.119	0.119	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.356	0.356	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7440-70-2	**Calcium**	**861**		mg/kg dry	0.593	5.93	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7440-47-3	**Chromium**	**14.5**		mg/kg dry	0.593	0.593	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7440-48-4	**Cobalt**	**5.12**		mg/kg dry	0.593	0.593	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7440-50-8	**Copper**	**9.50**		mg/kg dry	0.593	0.593	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7439-89-6	**Iron**	**18300**		mg/kg dry	2.37	2.37	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7439-92-1	**Lead**	**10.3**		mg/kg dry	0.356	0.356	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7439-95-4	**Magnesium**	**2390**		mg/kg dry	5.93	5.93	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7439-96-5	**Manganese**	**168**		mg/kg dry	0.593	0.593	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7440-02-0	**Nickel**	**12.7**		mg/kg dry	0.593	0.593	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7440-09-7	**Potassium**	**637**		mg/kg dry	5.93	5.93	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7782-49-2	Selenium	ND		mg/kg dry	1.19	1.19	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7440-22-4	Silver	ND		mg/kg dry	0.593	0.593	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7440-23-5	**Sodium**	**109**		mg/kg dry	11.9	11.9	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7440-28-0	Thallium	ND		mg/kg dry	1.19	1.19	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7440-62-2	**Vanadium**	**16.9**		mg/kg dry	1.19	1.19	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW
7440-66-6	**Zinc**	**38.9**		mg/kg dry	1.19	1.19	1	EPA 6010C	03/19/2014 14:02	03/19/2014 20:42	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0356	0.0356	1	EPA 7473	03/19/2014 11:24	03/19/2014 16:27	ALD

Sample Information

Client Sample ID: **SP-5 (12'-14')** **York Sample ID:** **14C0568-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Soil	March 17, 2014 3:00 pm	03/18/2014

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.3**		%	0.100	0.100	1	SM 2540G	03/20/2014 12:58	03/21/2014 07:51	ALD

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.415	0.593	1	EPA 7196A	03/21/2014 08:44	03/24/2014 14:27	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**12.3**		mg/kg	0.250	0.500	1	Calculation	03/24/2014 14:32	03/24/2014 14:39	SC

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14C0568-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Water	March 17, 2014 3:00 pm	03/18/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14C0568-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Water	March 17, 2014 3:00 pm	03/18/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
75-09-2	**Methylene chloride**	**4.9**	J, B	ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14C0568-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Water	March 17, 2014 3:00 pm	03/18/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
95-47-6	* o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
179601-23-1	* p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	03/19/2014 16:39	03/20/2014 07:14	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.8 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*88-114*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
208-96-8	Acenaphthylene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
120-12-7	Anthracene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14C0568-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Water	March 17, 2014 3:00 pm	03/18/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
218-01-9	Chrysene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
206-44-0	Fluoranthene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
86-73-7	Fluorene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
118-74-1	Hexachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
67-72-1	Hexachloroethane	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14C0568-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Water	March 17, 2014 3:00 pm	03/18/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
98-95-3	Nitrobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
87-86-5	Pentachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
85-01-8	Phenanthrene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
129-00-0	Pyrene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/19/2014 08:00	03/19/2014 13:04	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*12.2 %*		*10-53*
4165-62-2	*Surrogate: Phenol-d5*	*9.36 %*	S-04	*10-39*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*50.5 %*		*10-120*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*41.8 %*		*10-108*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*60.5 %*		*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*66.5 %*		*10-143*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14C0568-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Water	March 17, 2014 3:00 pm	03/18/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 16:41	JW
72-43-5	Methoxychlor	ND		ug/L	0.00500	0.00500	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 16:41	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 16:41	JW
76-44-8	Heptachlor	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 16:41	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 16:41	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 16:41	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 16:41	JW
72-20-8	Endrin	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 16:41	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 16:41	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 16:41	JW
959-98-8	Endosulfan I	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 16:41	JW
60-57-1	Dieldrin	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 16:41	JW
319-86-8	delta-BHC	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 16:41	JW
57-74-9	Chlordane, total	ND		ug/L	0.00400	0.00400	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 16:41	JW
319-85-7	beta-BHC	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 16:41	JW
319-84-6	alpha-BHC	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 16:41	JW
309-00-2	Aldrin	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 16:41	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 16:41	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 16:41	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 16:41	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 01:51	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 01:51	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 01:51	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 01:51	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 01:51	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 01:51	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 01:51	JW
1336-36-3	* Total PCBs	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	03/19/2014 13:00	03/20/2014 01:51	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*35.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.4 %*	*30-120*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14C0568-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Water	March 17, 2014 3:00 pm	03/18/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7440-39-3	Barium	ND		mg/L	0.010	0.010	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7440-70-2	**Calcium**	**0.102**		mg/L	0.050	0.050	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7439-95-4	Magnesium	ND		mg/L	0.050	0.050	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7439-96-5	Manganese	ND		mg/L	0.005	0.005	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7440-09-7	**Potassium**	**0.112**		mg/L	0.050	0.050	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7440-23-5	Sodium	ND		mg/L	0.100	0.100	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW
7440-66-6	**Zinc**	**0.020**		mg/L	0.010	0.010	1	EPA 6010C	03/19/2014 13:58	03/19/2014 16:32	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473	03/20/2014 06:55	03/20/2014 15:11	ALD

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14C0568-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0568	140051-346 W 40th St, New York, NY	Water	March 17, 2014 3:00 pm	03/18/2014

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	0.0100	1	EPA 7196A	03/19/2014 07:34	03/19/2014 09:06	SC

Chromium, Trivalent

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

Sample Prepared by Method: *** DEFAULT PREP ***

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.00800	0.0100	1	Calculation	03/24/2014 14:37	03/24/2014 14:40	SC

Analytical Batch Summary

Batch ID: BC40695 **Preparation Method:** EPA 3550C **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14C0568-01	SP-1 (0'-2')	03/18/14
14C0568-02	SP-1 (13'-15')	03/18/14
14C0568-03	SP-4 (0'-2')	03/18/14
14C0568-04	SP-4 (13'-15')	03/18/14
14C0568-05	SP-5 (0'-2')	03/18/14
14C0568-06	SP-5 (12'-14')	03/18/14
BC40695-BLK1	Blank	03/18/14
BC40695-BS1	LCS	03/18/14
BC40695-BS2	LCS	03/18/14
BC40695-BSD1	LCS Dup	03/18/14
BC40695-MS1	Matrix Spike	03/18/14

Batch ID: BC40700 **Preparation Method:** EPA 3550C **Prepared By:** CC

YORK Sample ID	Client Sample ID	Preparation Date
14C0568-01	SP-1 (0'-2')	03/19/14
14C0568-02	SP-1 (13'-15')	03/19/14
14C0568-03	SP-4 (0'-2')	03/19/14
14C0568-04	SP-4 (13'-15')	03/19/14
14C0568-05	SP-5 (0'-2')	03/19/14
14C0568-06	SP-5 (12'-14')	03/19/14
BC40700-BLK1	Blank	03/19/14
BC40700-BS1	LCS	03/19/14
BC40700-BSD1	LCS Dup	03/19/14

Batch ID: BC40706 **Preparation Method:** Analysis Preparation **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14C0568-08	Field Blank	03/19/14
BC40706-BLK1	Blank	03/19/14
BC40706-BS1	LCS	03/19/14

Batch ID: BC40708 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
14C0568-08	Field Blank	03/19/14
BC40708-BLK1	Blank	03/19/14
BC40708-BS1	LCS	03/19/14
BC40708-BS2	LCS	03/19/14
BC40708-BSD1	LCS Dup	03/19/14
BC40708-BSD2	LCS Dup	03/19/14

Batch ID: BC40710 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
14C0568-08	Field Blank	03/19/14
BC40710-BLK1	Blank	03/19/14
BC40710-BS1	LCS	03/19/14
BC40710-BSD1	LCS Dup	03/19/14

Batch ID: BC40732 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14C0568-01	SP-1 (0'-2')	03/19/14
14C0568-02	SP-1 (13'-15')	03/19/14
14C0568-03	SP-4 (0'-2')	03/19/14
14C0568-04	SP-4 (13'-15')	03/19/14
14C0568-05	SP-5 (0'-2')	03/19/14
14C0568-06	SP-5 (12'-14')	03/19/14
BC40732-BLK1	Blank	03/19/14
BC40732-SRM1	Reference	03/19/14

Batch ID: BC40740 **Preparation Method:** EPA 5035A **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
14C0568-05	SP-5 (0'-2')	03/19/14
14C0568-06	SP-5 (12'-14')	03/19/14
BC40740-BLK1	Blank	03/19/14
BC40740-BS1	LCS	03/19/14
BC40740-BSD1	LCS Dup	03/19/14

Batch ID: BC40743 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14C0568-08	Field Blank	03/19/14
BC40743-BLK1	Blank	03/19/14
BC40743-SRM1	Reference	03/19/14
BC40743-SRM2	Reference	03/19/14

Batch ID: BC40745 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14C0568-01	SP-1 (0'-2')	03/19/14
14C0568-02	SP-1 (13'-15')	03/19/14
14C0568-03	SP-4 (0'-2')	03/19/14
14C0568-04	SP-4 (13'-15')	03/19/14
14C0568-05	SP-5 (0'-2')	03/19/14
14C0568-06	SP-5 (12'-14')	03/19/14
BC40745-BLK1	Blank	03/19/14
BC40745-DUP1	Duplicate	03/19/14
BC40745-MS1	Matrix Spike	03/19/14
BC40745-SRM1	Reference	03/19/14

Batch ID: BC40755 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14C0568-08	Field Blank	03/19/14
BC40755-BLK1	Blank	03/19/14
BC40755-BS1	LCS	03/19/14
BC40755-BSD1	LCS Dup	03/19/14

Batch ID: BC40758 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14C0568-01	SP-1 (0'-2')	03/19/14
BC40758-BLK1	Blank	03/19/14
BC40758-BS1	LCS	03/19/14
BC40758-BSD1	LCS Dup	03/19/14

Batch ID: BC40772 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14C0568-08	Field Blank	03/20/14
BC40772-BLK1	Blank	03/20/14
BC40772-SRM1	Reference	03/20/14

Batch ID: BC40810 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14C0568-01	SP-1 (0'-2')	03/20/14
14C0568-02	SP-1 (13'-15')	03/20/14
14C0568-03	SP-4 (0'-2')	03/20/14
14C0568-04	SP-4 (13'-15')	03/20/14
14C0568-05	SP-5 (0'-2')	03/20/14
14C0568-06	SP-5 (12'-14')	03/20/14

Batch ID: BC40863 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14C0568-01	SP-1 (0'-2')	03/21/14
14C0568-02	SP-1 (13'-15')	03/21/14
14C0568-03	SP-4 (0'-2')	03/21/14
14C0568-04	SP-4 (13'-15')	03/21/14
14C0568-05	SP-5 (0'-2')	03/21/14
14C0568-06	SP-5 (12'-14')	03/21/14
BC40863-BLK1	Blank	03/21/14
BC40863-SRM1	Reference	03/21/14

Batch ID: BC40916 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14C0568-02	SP-1 (13'-15')	03/21/14
14C0568-03	SP-4 (0'-2')	03/21/14
BC40916-BLK1	Blank	03/21/14
BC40916-BS1	LCS	03/21/14
BC40916-BSD1	LCS Dup	03/21/14

Batch ID: BC40959 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14C0568-01	SP-1 (0'-2')	03/24/14
14C0568-02	SP-1 (13'-15')	03/24/14
14C0568-03	SP-4 (0'-2')	03/24/14
14C0568-04	SP-4 (13'-15')	03/24/14
14C0568-05	SP-5 (0'-2')	03/24/14
14C0568-06	SP-5 (12'-14')	03/24/14

Batch ID: BC40962 **Preparation Method:** *** DEFAULT PREP *** **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14C0568-08	Field Blank	03/24/14

Batch ID: BC40969 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14C0568-04	SP-4 (13'-15')	03/24/14
BC40969-BLK1	Blank	03/24/14
BC40969-BS1	LCS	03/24/14
BC40969-BSD1	LCS Dup	03/24/14

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 BC40740 - EPA 5035A											
Blank (BC40740-BLK1)								Prepared & Analyzed: 03/19/2014			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	4.4	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	8.6	10	"								
Naphthalene	4.7	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								

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 BC40740 - EPA 5035A											
Blank (BC40740-BLK1)								Prepared & Analyzed: 03/19/2014			
o-Xylene	ND	5.0	ug/kg wet								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*48.5*		*ug/L*	*50.0*		*96.9*	*67-130*				
Surrogate: p-Bromofluorobenzene	*51.8*		*"*	*50.0*		*104*	*75-127*				
Surrogate: Toluene-d8	*49.5*		*"*	*50.0*		*99.1*	*90-112*				
LCS (BC40740-BS1)								Prepared & Analyzed: 03/19/2014			
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		103	72-126				
1,1,1-Trichloroethane	58		"	50.0		115	74-126				
1,1,2,2-Tetrachloroethane	55		"	50.0		110	72-133				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55		"	50.0		110	47-160				
1,1,2-Trichloroethane	55		"	50.0		111	81-124				
1,1-Dichloroethane	57		"	50.0		115	80-125				
1,1-Dichloroethylene	57		"	50.0		114	62-136				
1,1-Dichloropropylene	58		"	50.0		117	81-121				
1,2,3-Trichlorobenzene	54		"	50.0		109	63-154				
1,2,3-Trichloropropane	54		"	50.0		107	70-126				
1,2,4-Trichlorobenzene	54		"	50.0		108	61-158				
1,2,4-Trimethylbenzene	55		"	50.0		110	83-123				
1,2-Dibromo-3-chloropropane	55		"	50.0		109	48-152				
1,2-Dibromoethane	56		"	50.0		112	81-123				
1,2-Dichlorobenzene	54		"	50.0		107	81-117				
1,2-Dichloroethane	59		"	50.0		118	67-129				
1,2-Dichloropropane	53		"	50.0		106	74-127				
1,3,5-Trimethylbenzene	55		"	50.0		109	81-120				
1,3-Dichlorobenzene	54		"	50.0		108	84-117				
1,3-Dichloropropane	56		"	50.0		112	77-125				
1,4-Dichlorobenzene	55		"	50.0		110	85-118				
1,4-Dioxane	4800		"	1000		478	31-190	High Bias			
2,2-Dichloropropane	58		"	50.0		115	69-129				
2-Butanone	58		"	50.0		115	58-159				
2-Chlorotoluene	54		"	50.0		107	75-123				
4-Chlorotoluene	55		"	50.0		110	76-121				
Acetone	57		"	50.0		115	32-173				
Benzene	57		"	50.0		114	83-126				
Bromobenzene	50		"	50.0		99.8	70-130				
Bromochloromethane	60		"	50.0		121	73-128				
Bromodichloromethane	55		"	50.0		111	74-126				
Bromoform	55		"	50.0		110	63-137				

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 BC40740 - EPA 5035A											
LCS (BC40740-BS1)							Prepared & Analyzed: 03/19/2014				
Bromomethane	45		ug/L	50.0		89.5	24-144				
Carbon tetrachloride	59		"	50.0		117	68-132				
Chlorobenzene	55		"	50.0		111	87-115				
Chloroethane	52		"	50.0		104	39-146				
Chloroform	58		"	50.0		116	84-120				
Chloromethane	51		"	50.0		103	35-153				
cis-1,2-Dichloroethylene	58		"	50.0		115	86-121				
cis-1,3-Dichloropropylene	56		"	50.0		113	78-122				
Dibromochloromethane	52		"	50.0		105	41-149				
Dibromomethane	55		"	50.0		110	82-118				
Dichlorodifluoromethane	49		"	50.0		97.2	52-143				
Ethyl Benzene	55		"	50.0		110	81-118				
Hexachlorobutadiene	52		"	50.0		104	70-133				
Isopropylbenzene	54		"	50.0		109	78-122				
Methyl tert-butyl ether (MTBE)	56		"	50.0		112	62-140				
Methylene chloride	56		"	50.0		112	48-143				
Naphthalene	58		"	50.0		117	55-160				
n-Butylbenzene	56		"	50.0		112	71-142				
n-Propylbenzene	55		"	50.0		110	80-123				
o-Xylene	54		"	50.0		108	81-118				
p- & m- Xylenes	110		"	100		110	80-120				
p-Isopropyltoluene	55		"	50.0		109	83-126				
sec-Butylbenzene	54		"	50.0		108	84-123				
Styrene	54		"	50.0		107	85-115				
tert-Butylbenzene	51		"	50.0		102	78-122				
Tetrachloroethylene	54		"	50.0		108	76-129				
Toluene	55		"	50.0		110	85-116				
trans-1,2-Dichloroethylene	57		"	50.0		115	66-136				
trans-1,3-Dichloropropylene	55		"	50.0		111	71-128				
Trichloroethylene	54		"	50.0		107	83-118				
Trichlorofluoromethane	52		"	50.0		104	54-141				
Vinyl Chloride	53		"	50.0		106	38-147				
Vinyl acetate	54		"	50.0		107	67-136				
Surrogate: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*67-130*				
Surrogate: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*96.0*	*75-127*				
Surrogate: Toluene-d8	*49.2*		*"*	*50.0*		*98.3*	*90-112*				

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 BC40740 - EPA 5035A											
LCS Dup (BC40740-BSD1)								Prepared & Analyzed: 03/19/2014			
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		108	72-126		4.88	30	
1,1,1-Trichloroethane	56		"	50.0		112	74-126		3.00	30	
1,1,2,2-Tetrachloroethane	56		"	50.0		112	72-133		1.78	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55		"	50.0		110	47-160		0.0183	30	
1,1,2-Trichloroethane	56		"	50.0		112	81-124		1.01	30	
1,1-Dichloroethane	57		"	50.0		113	80-125		1.30	30	
1,1-Dichloroethylene	56		"	50.0		111	62-136		2.41	30	
1,1-Dichloropropylene	57		"	50.0		114	81-121		2.45	30	
1,2,3-Trichlorobenzene	59		"	50.0		117	63-154		7.53	30	
1,2,3-Trichloropropane	55		"	50.0		109	70-126		1.98	30	
1,2,4-Trichlorobenzene	56		"	50.0		113	61-158		4.17	30	
1,2,4-Trimethylbenzene	56		"	50.0		112	83-123		1.70	30	
1,2-Dibromo-3-chloropropane	58		"	50.0		117	48-152		6.97	30	
1,2-Dibromoethane	56		"	50.0		113	81-123		0.196	30	
1,2-Dichlorobenzene	56		"	50.0		111	81-117		3.84	30	
1,2-Dichloroethane	58		"	50.0		116	67-129		1.78	30	
1,2-Dichloropropane	57		"	50.0		115	74-127		7.66	30	
1,3,5-Trimethylbenzene	58		"	50.0		116	81-120		5.88	30	
1,3-Dichlorobenzene	57		"	50.0		113	84-117		4.50	30	
1,3-Dichloropropane	55		"	50.0		110	77-125		1.87	30	
1,4-Dichlorobenzene	56		"	50.0		112	85-118		1.35	30	
1,4-Dioxane	4600		"	1000		460	31-190	High Bias	3.81	30	
2,2-Dichloropropane	58		"	50.0		116	69-129		0.675	30	
2-Butanone	53		"	50.0		106	58-159		8.49	30	
2-Chlorotoluene	56		"	50.0		111	75-123		3.78	30	
4-Chlorotoluene	57		"	50.0		114	76-121		3.28	30	
Acetone	50		"	50.0		99.1	32-173		14.7	30	
Benzene	55		"	50.0		110	83-126		3.15	30	
Bromobenzene	60		"	50.0		121	70-130		19.0	30	
Bromochloromethane	59		"	50.0		117	73-128		2.86	30	
Bromodichloromethane	55		"	50.0		110	74-126		0.235	30	
Bromoform	55		"	50.0		110	63-137		0.163	30	
Bromomethane	45		"	50.0		89.6	24-144		0.112	30	
Carbon tetrachloride	57		"	50.0		114	68-132		2.28	30	
Chlorobenzene	56		"	50.0		111	87-115		0.469	30	
Chloroethane	51		"	50.0		102	39-146		1.70	30	
Chloroform	57		"	50.0		115	84-120		1.09	30	
Chloromethane	50		"	50.0		101	35-153		1.77	30	
cis-1,2-Dichloroethylene	57		"	50.0		113	86-121		1.79	30	
cis-1,3-Dichloropropylene	55		"	50.0		111	78-122		1.93	30	
Dibromochloromethane	72		"	50.0		144	41-149		31.7	30	Non-dir.
Dibromomethane	56		"	50.0		111	82-118		1.38	30	
Dichlorodifluoromethane	47		"	50.0		93.4	52-143		4.05	30	
Ethyl Benzene	55		"	50.0		111	81-118		0.633	30	
Hexachlorobutadiene	55		"	50.0		111	70-133		5.96	30	
Isopropylbenzene	57		"	50.0		115	78-122		5.39	30	
Methyl tert-butyl ether (MTBE)	56		"	50.0		111	62-140		0.251	30	
Methylene chloride	54		"	50.0		109	48-143		3.07	30	
Naphthalene	59		"	50.0		119	55-160		1.80	30	
n-Butylbenzene	59		"	50.0		118	71-142		5.17	30	
n-Propylbenzene	56		"	50.0		112	80-123		2.60	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 BC40740 - EPA 5035A											
LCS Dup (BC40740-BSD1)								Prepared & Analyzed: 03/19/2014			
o-Xylene	56		ug/L	50.0		111	81-118		3.07	30	
p- & m- Xylenes	110		"	100		113	80-120		2.30	30	
p-Isopropyltoluene	57		"	50.0		113	83-126		3.69	30	
sec-Butylbenzene	57		"	50.0		113	84-123		4.47	30	
Styrene	55		"	50.0		111	85-115		2.97	30	
tert-Butylbenzene	53		"	50.0		106	78-122		4.23	30	
Tetrachloroethylene	53		"	50.0		107	76-129		0.839	30	
Toluene	56		"	50.0		112	85-116		2.08	30	
trans-1,2-Dichloroethylene	57		"	50.0		113	66-136		1.41	30	
trans-1,3-Dichloropropylene	56		"	50.0		113	71-128		1.47	30	
Trichloroethylene	55		"	50.0		110	83-118		2.76	30	
Trichlorofluoromethane	51		"	50.0		102	54-141		1.67	30	
Vinyl Chloride	51		"	50.0		103	38-147		2.82	30	
Vinyl acetate	52		"	50.0		105	67-136		2.30	30	
Surrogate: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*67-130*				
Surrogate: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*75-127*				
Surrogate: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*90-112*				
Batch BC40755 - EPA 5030B											
Blank (BC40755-BLK1)								Prepared: 03/19/2014 Analyzed: 03/20/2014			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	3.3	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	2.7	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								

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 BC40755 - EPA 5030B											
Blank (BC40755-BLK1)								Prepared: 03/19/2014 Analyzed: 03/20/2014			
Bromomethane	ND	5.0	ug/L								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	4.5	5.0	"								
Naphthalene	6.1	5.0	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*52.3*		*"*	*50.0*		*105*	*81-123*				
Surrogate: p-Bromofluorobenzene	*47.9*		*"*	*50.0*		*95.9*	*70-128*				
Surrogate: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*88-114*				

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 BC40755 - EPA 5030B											
LCS (BC40755-BS1)							Prepared: 03/19/2014 Analyzed: 03/20/2014				
1,1,1,2-Tetrachloroethane	53		ug/L	50.0		106	85-118				
1,1,1-Trichloroethane	51		"	50.0		103	74-128				
1,1,2,2-Tetrachloroethane	49		"	50.0		98.1	71-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		109	51-157				
1,1,2-Trichloroethane	52		"	50.0		104	80-122				
1,1-Dichloroethane	53		"	50.0		105	70-131				
1,1-Dichloroethylene	52		"	50.0		105	60-143				
1,1-Dichloropropylene	53		"	50.0		106	78-122				
1,2,3-Trichlorobenzene	52		"	50.0		105	68-140				
1,2,3-Trichloropropane	49		"	50.0		97.1	77-125				
1,2,4-Trichlorobenzene	53		"	50.0		106	65-143				
1,2,4-Trimethylbenzene	48		"	50.0		96.9	83-121				
1,2-Dibromo-3-chloropropane	57		"	50.0		114	60-146				
1,2-Dibromoethane	52		"	50.0		105	82-122				
1,2-Dichlorobenzene	50		"	50.0		100	85-115				
1,2-Dichloroethane	54		"	50.0		107	72-126				
1,2-Dichloropropane	51		"	50.0		102	78-119				
1,3,5-Trimethylbenzene	49		"	50.0		98.8	84-118				
1,3-Dichlorobenzene	50		"	50.0		99.5	83-117				
1,3-Dichloropropane	51		"	50.0		102	79-121				
1,4-Dichlorobenzene	49		"	50.0		97.9	83-118				
2,2-Dichloropropane	47		"	50.0		94.1	60-135				
2-Butanone	56		"	50.0		112	48-156				
2-Chlorotoluene	48		"	50.0		95.5	81-118				
4-Chlorotoluene	48		"	50.0		96.8	81-117				
Acetone	54		"	50.0		108	21-172				
Benzene	51		"	50.0		102	82-120				
Bromobenzene	49		"	50.0		97.1	82-119				
Bromochloromethane	54		"	50.0		108	69-125				
Bromodichloromethane	53		"	50.0		107	84-117				
Bromoform	51		"	50.0		102	77-130				
Bromomethane	51		"	50.0		101	16-162				
Carbon tetrachloride	52		"	50.0		105	72-132				
Chlorobenzene	51		"	50.0		103	88-112				
Chloroethane	54		"	50.0		108	29-172				
Chloroform	53		"	50.0		105	77-124				
Chloromethane	46		"	50.0		92.4	37-131				
cis-1,2-Dichloroethylene	53		"	50.0		105	77-124				
cis-1,3-Dichloropropylene	48		"	50.0		95.8	81-117				
Dibromochloromethane	53		"	50.0		106	72-131				
Dibromomethane	52		"	50.0		105	85-116				
Dichlorodifluoromethane	41		"	50.0		82.0	47-152				
Ethyl Benzene	52		"	50.0		104	86-114				
Hexachlorobutadiene	49		"	50.0		98.3	68-139				
Isopropylbenzene	48		"	50.0		96.8	84-118				
Methyl tert-butyl ether (MTBE)	55		"	50.0		110	49-156				
Methylene chloride	49		"	50.0		97.4	51-145				
Naphthalene	57		"	50.0		114	67-141				
n-Butylbenzene	49		"	50.0		98.9	76-125				
n-Propylbenzene	47		"	50.0		94.0	84-118				
o-Xylene	54		"	50.0		108	85-114				

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 BC40755 - EPA 5030B											
LCS (BC40755-BS1)								Prepared: 03/19/2014 Analyzed: 03/20/2014			
p- & m- Xylenes	110		ug/L	100		105	84-117				
p-Isopropyltoluene	48		"	50.0		97.0	84-121				
sec-Butylbenzene	49		"	50.0		98.7	85-119				
Styrene	53		"	50.0		106	77-126				
tert-Butylbenzene	49		"	50.0		98.1	83-119				
Tetrachloroethylene	58		"	50.0		116	75-129				
Toluene	52		"	50.0		104	86-113				
trans-1,2-Dichloroethylene	54		"	50.0		108	55-148				
trans-1,3-Dichloropropylene	50		"	50.0		101	77-120				
Trichloroethylene	51		"	50.0		102	85-115				
Trichlorofluoromethane	52		"	50.0		104	69-131				
Vinyl Chloride	49		"	50.0		97.8	44-152				
Vinyl acetate	48		"	50.0		95.6	48-145				
Surrogate: 1,2-Dichloroethane-d4	*52.9*		*"*	*50.0*		*106*	*81-123*				
Surrogate: p-Bromofluorobenzene	*47.4*		*"*	*50.0*		*94.8*	*70-128*				
Surrogate: Toluene-d8	*48.8*		*"*	*50.0*		*97.6*	*88-114*				
LCS Dup (BC40755-BSD1)								Prepared: 03/19/2014 Analyzed: 03/20/2014			
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		108	85-118		2.10	30	
1,1,1-Trichloroethane	53		"	50.0		106	74-128		2.53	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		98.9	71-130		0.792	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		107	51-157		1.61	30	
1,1,2-Trichloroethane	53		"	50.0		107	80-122		2.50	30	
1,1-Dichloroethane	54		"	50.0		108	70-131		2.35	30	
1,1-Dichloroethylene	53		"	50.0		107	60-143		2.04	30	
1,1-Dichloropropylene	53		"	50.0		106	78-122		0.114	30	
1,2,3-Trichlorobenzene	52		"	50.0		105	68-140		0.115	30	
1,2,3-Trichloropropane	52		"	50.0		104	77-125		6.86	30	
1,2,4-Trichlorobenzene	51		"	50.0		101	65-143		4.88	30	
1,2,4-Trimethylbenzene	47		"	50.0		94.8	83-121		2.19	30	
1,2-Dibromo-3-chloropropane	56		"	50.0		111	60-146		2.20	30	
1,2-Dibromoethane	54		"	50.0		108	82-122		3.34	30	
1,2-Dichlorobenzene	49		"	50.0		99.0	85-115		1.03	30	
1,2-Dichloroethane	56		"	50.0		113	72-126		5.24	30	
1,2-Dichloropropane	53		"	50.0		105	78-119		3.25	30	
1,3,5-Trimethylbenzene	47		"	50.0		94.4	84-118		4.60	30	
1,3-Dichlorobenzene	48		"	50.0		96.2	83-117		3.37	30	
1,3-Dichloropropane	52		"	50.0		105	79-121		2.63	30	
1,4-Dichlorobenzene	49		"	50.0		97.2	83-118		0.779	30	
2,2-Dichloropropane	49		"	50.0		97.9	60-135		4.02	30	
2-Butanone	53		"	50.0		106	48-156		5.44	30	
2-Chlorotoluene	48		"	50.0		95.8	81-118		0.355	30	
4-Chlorotoluene	49		"	50.0		97.1	81-117		0.227	30	
Acetone	52		"	50.0		103	21-172		4.00	30	
Benzene	52		"	50.0		104	82-120		2.03	30	
Bromobenzene	48		"	50.0		95.9	82-119		1.22	30	
Bromochloromethane	56		"	50.0		112	69-125		3.54	30	
Bromodichloromethane	53		"	50.0		106	84-117		0.809	30	
Bromoform	53		"	50.0		106	77-130		4.06	30	
Bromomethane	51		"	50.0		101	16-162		0.0592	30	
Carbon tetrachloride	54		"	50.0		107	72-132		2.53	30	
Chlorobenzene	51		"	50.0		103	88-112		0.0584	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 BC40755 - EPA 5030B											
LCS Dup (BC40755-BSD1)								Prepared: 03/19/2014 Analyzed: 03/20/2014			
Chloroethane	55		ug/L	50.0		110	29-172		2.06	30	
Chloroform	55		"	50.0		111	77-124		5.10	30	
Chloromethane	46		"	50.0		91.7	37-131		0.695	30	
cis-1,2-Dichloroethylene	54		"	50.0		108	77-124		2.97	30	
cis-1,3-Dichloropropylene	50		"	50.0		100	81-117		4.71	30	
Dibromochloromethane	55		"	50.0		109	72-131		3.12	30	
Dibromomethane	53		"	50.0		105	85-116		0.323	30	
Dichlorodifluoromethane	41		"	50.0		82.0	47-152		0.0488	30	
Ethyl Benzene	52		"	50.0		105	86-114		0.230	30	
Hexachlorobutadiene	48		"	50.0		96.1	68-139		2.20	30	
Isopropylbenzene	49		"	50.0		97.3	84-118		0.536	30	
Methyl tert-butyl ether (MTBE)	57		"	50.0		114	49-156		3.38	30	
Methylene chloride	50		"	50.0		101	51-145		3.57	30	
Naphthalene	57		"	50.0		114	67-141		0.0352	30	
n-Butylbenzene	48		"	50.0		95.6	76-125		3.43	30	
n-Propylbenzene	48		"	50.0		95.5	84-118		1.56	30	
o-Xylene	54		"	50.0		107	85-114		0.428	30	
p- & m- Xylenes	110		"	100		106	84-117		0.427	30	
p-Isopropyltoluene	48		"	50.0		96.7	84-121		0.289	30	
sec-Butylbenzene	48		"	50.0		96.2	85-119		2.59	30	
Styrene	52		"	50.0		104	77-126		1.24	30	
tert-Butylbenzene	48		"	50.0		95.7	83-119		2.48	30	
Tetrachloroethylene	61		"	50.0		121	75-129		4.27	30	
Toluene	52		"	50.0		105	86-113		0.0574	30	
trans-1,2-Dichloroethylene	57		"	50.0		114	55-148		4.70	30	
trans-1,3-Dichloropropylene	52		"	50.0		104	77-120		3.11	30	
Trichloroethylene	50		"	50.0		100	85-115		1.50	30	
Trichlorofluoromethane	52		"	50.0		105	69-131		1.02	30	
Vinyl Chloride	51		"	50.0		102	44-152		4.19	30	
Vinyl acetate	47		"	50.0		94.5	48-145		1.18	30	
Surrogate: 1,2-Dichloroethane-d4	*52.6*		*"*	*50.0*		*105*	*81-123*				
Surrogate: p-Bromofluorobenzene	*47.8*		*"*	*50.0*		*95.5*	*70-128*				
Surrogate: Toluene-d8	*49.8*		*"*	*50.0*		*99.5*	*88-114*				

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 BC40758 - EPA 5035A											
Blank (BC40758-BLK1)								Prepared & Analyzed: 03/19/2014			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	6.3	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	4.7	10	"								
Naphthalene	6.8	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								

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 BC40758 - EPA 5035A											
Blank (BC40758-BLK1)								Prepared & Analyzed: 03/19/2014			
o-Xylene	ND	5.0	ug/kg wet								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*51.8*		*ug/L*	*50.0*		*104*	*67-130*				
Surrogate: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.1*	*75-127*				
Surrogate: Toluene-d8	*49.4*		*"*	*50.0*		*98.8*	*90-112*				
LCS (BC40758-BS1)								Prepared & Analyzed: 03/19/2014			
1,1,1,2-Tetrachloroethane	55		ug/L	50.0		111	72-126				
1,1,1-Trichloroethane	52		"	50.0		105	74-126				
1,1,2,2-Tetrachloroethane	58		"	50.0		117	72-133				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		108	47-160				
1,1,2-Trichloroethane	54		"	50.0		109	81-124				
1,1-Dichloroethane	52		"	50.0		104	80-125				
1,1-Dichloroethylene	49		"	50.0		98.2	62-136				
1,1-Dichloropropylene	51		"	50.0		101	81-121				
1,2,3-Trichlorobenzene	62		"	50.0		123	63-154				
1,2,3-Trichloropropane	57		"	50.0		114	70-126				
1,2,4-Trichlorobenzene	61		"	50.0		121	61-158				
1,2,4-Trimethylbenzene	54		"	50.0		108	83-123				
1,2-Dibromo-3-chloropropane	64		"	50.0		128	48-152				
1,2-Dibromoethane	56		"	50.0		111	81-123				
1,2-Dichlorobenzene	45		"	50.0		90.9	81-117				
1,2-Dichloroethane	56		"	50.0		113	67-129				
1,2-Dichloropropane	51		"	50.0		102	74-127				
1,3,5-Trimethylbenzene	53		"	50.0		106	81-120				
1,3-Dichlorobenzene	55		"	50.0		110	84-117				
1,3-Dichloropropane	53		"	50.0		107	77-125				
1,4-Dichlorobenzene	56		"	50.0		111	85-118				
1,4-Dioxane	740		"	1000		74.0	31-190				
2,2-Dichloropropane	52		"	50.0		103	69-129				
2-Butanone	66		"	50.0		131	58-159				
2-Chlorotoluene	52		"	50.0		105	75-123				
4-Chlorotoluene	53		"	50.0		105	76-121				
Acetone	63		"	50.0		127	32-173				
Benzene	53		"	50.0		105	83-126				
Bromobenzene	52		"	50.0		105	70-130				
Bromochloromethane	56		"	50.0		112	73-128				
Bromodichloromethane	54		"	50.0		108	74-126				
Bromoform	63		"	50.0		126	63-137				

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 BC40758 - EPA 5035A											
LCS (BC40758-BS1)							Prepared & Analyzed: 03/19/2014				
Bromomethane	42		ug/L	50.0		83.3	24-144				
Carbon tetrachloride	53		"	50.0		106	68-132				
Chlorobenzene	53		"	50.0		106	87-115				
Chloroethane	45		"	50.0		90.7	39-146				
Chloroform	54		"	50.0		108	84-120				
Chloromethane	43		"	50.0		86.0	35-153				
cis-1,2-Dichloroethylene	53		"	50.0		106	86-121				
cis-1,3-Dichloropropylene	52		"	50.0		105	78-122				
Dibromochloromethane	58		"	50.0		117	41-149				
Dibromomethane	55		"	50.0		109	82-118				
Dichlorodifluoromethane	38		"	50.0		76.3	52-143				
Ethyl Benzene	53		"	50.0		106	81-118				
Hexachlorobutadiene	56		"	50.0		112	70-133				
Isopropylbenzene	52		"	50.0		103	78-122				
Methyl tert-butyl ether (MTBE)	55		"	50.0		111	62-140				
Methylene chloride	55		"	50.0		110	48-143				
Naphthalene	62		"	50.0		123	55-160				
n-Butylbenzene	54		"	50.0		108	71-142				
n-Propylbenzene	53		"	50.0		105	80-123				
o-Xylene	53		"	50.0		107	81-118				
p- & m- Xylenes	110		"	100		110	80-120				
p-Isopropyltoluene	54		"	50.0		107	83-126				
sec-Butylbenzene	53		"	50.0		106	84-123				
Styrene	53		"	50.0		107	85-115				
tert-Butylbenzene	53		"	50.0		105	78-122				
Tetrachloroethylene	56		"	50.0		112	76-129				
Toluene	52		"	50.0		103	85-116				
trans-1,2-Dichloroethylene	50		"	50.0		101	66-136				
trans-1,3-Dichloropropylene	54		"	50.0		108	71-128				
Trichloroethylene	50		"	50.0		101	83-118				
Trichlorofluoromethane	47		"	50.0		94.3	54-141				
Vinyl Chloride	44		"	50.0		88.5	38-147				
Vinyl acetate	48		"	50.0		96.0	67-136				
Surrogate: 1,2-Dichloroethane-d4	*52.3*		*"*	*50.0*		*105*	*67-130*				
Surrogate: p-Bromofluorobenzene	*47.5*		*"*	*50.0*		*94.9*	*75-127*				
Surrogate: Toluene-d8	*48.9*		*"*	*50.0*		*97.8*	*90-112*				

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 BC40758 - EPA 5035A											
LCS Dup (BC40758-BSD1)							Prepared & Analyzed: 03/19/2014				
1,1,1,2-Tetrachloroethane	53		ug/L	50.0		106	72-126		4.38	30	
1,1,1-Trichloroethane	51		"	50.0		102	74-126		2.58	30	
1,1,2,2-Tetrachloroethane	53		"	50.0		105	72-133		10.5	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		104	47-160		3.54	30	
1,1,2-Trichloroethane	53		"	50.0		105	81-124		3.35	30	
1,1-Dichloroethane	50		"	50.0		101	80-125		3.00	30	
1,1-Dichloroethylene	48		"	50.0		95.3	62-136		2.91	30	
1,1-Dichloropropylene	49		"	50.0		97.6	81-121		3.76	30	
1,2,3-Trichlorobenzene	56		"	50.0		111	63-154		10.3	30	
1,2,3-Trichloropropane	54		"	50.0		109	70-126		4.31	30	
1,2,4-Trichlorobenzene	55		"	50.0		110	61-158		9.87	30	
1,2,4-Trimethylbenzene	52		"	50.0		103	83-123		4.68	30	
1,2-Dibromo-3-chloropropane	58		"	50.0		116	48-152		9.24	30	
1,2-Dibromoethane	54		"	50.0		109	81-123		2.42	30	
1,2-Dichlorobenzene	52		"	50.0		104	81-117		13.1	30	
1,2-Dichloroethane	56		"	50.0		112	67-129		0.678	30	
1,2-Dichloropropane	50		"	50.0		99.2	74-127		2.63	30	
1,3,5-Trimethylbenzene	51		"	50.0		101	81-120		4.58	30	
1,3-Dichlorobenzene	51		"	50.0		103	84-117		6.98	30	
1,3-Dichloropropane	52		"	50.0		105	77-125		1.83	30	
1,4-Dichlorobenzene	51		"	50.0		103	85-118		7.80	30	
1,4-Dioxane	640		"	1000		64.0	31-190		14.5	30	
2,2-Dichloropropane	50		"	50.0		99.4	69-129		3.59	30	
2-Butanone	59		"	50.0		118	58-159		10.7	30	
2-Chlorotoluene	49		"	50.0		98.7	75-123		5.97	30	
4-Chlorotoluene	50		"	50.0		100	76-121		5.12	30	
Acetone	52		"	50.0		104	32-173		19.5	30	
Benzene	51		"	50.0		102	83-126		3.03	30	
Bromobenzene	49		"	50.0		97.4	70-130		7.47	30	
Bromochloromethane	55		"	50.0		109	73-128		2.73	30	
Bromodichloromethane	53		"	50.0		106	74-126		1.90	30	
Bromoform	58		"	50.0		117	63-137		7.61	30	
Bromomethane	39		"	50.0		77.8	24-144		6.93	30	
Carbon tetrachloride	52		"	50.0		104	68-132		2.40	30	
Chlorobenzene	52		"	50.0		103	87-115		2.99	30	
Chloroethane	44		"	50.0		88.6	39-146		2.34	30	
Chloroform	52		"	50.0		105	84-120		3.38	30	
Chloromethane	42		"	50.0		83.1	35-153		3.43	30	
cis-1,2-Dichloroethylene	51		"	50.0		103	86-121		3.27	30	
cis-1,3-Dichloropropylene	51		"	50.0		102	78-122		2.46	30	
Dibromochloromethane	56		"	50.0		112	41-149		4.58	30	
Dibromomethane	54		"	50.0		107	82-118		1.88	30	
Dichlorodifluoromethane	36		"	50.0		72.7	52-143		4.94	30	
Ethyl Benzene	51		"	50.0		103	81-118		2.72	30	
Hexachlorobutadiene	52		"	50.0		103	70-133		8.10	30	
Isopropylbenzene	50		"	50.0		99.1	78-122		4.00	30	
Methyl tert-butyl ether (MTBE)	55		"	50.0		110	62-140		0.708	30	
Methylene chloride	54		"	50.0		108	48-143		1.84	30	
Naphthalene	56		"	50.0		113	55-160		9.01	30	
n-Butylbenzene	51		"	50.0		102	71-142		5.34	30	
n-Propylbenzene	50		"	50.0		100	80-123		4.87	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 BC40758 - EPA 5035A											
LCS Dup (BC40758-BSD1)								Prepared & Analyzed: 03/19/2014			
o-Xylene	51		ug/L	50.0		103	81-118		3.70	30	
p- & m- Xylenes	110		"	100		107	80-120		2.84	30	
p-Isopropyltoluene	51		"	50.0		102	83-126		4.64	30	
sec-Butylbenzene	50		"	50.0		100	84-123		5.26	30	
Styrene	51		"	50.0		103	85-115		3.70	30	
tert-Butylbenzene	50		"	50.0		99.7	78-122		5.31	30	
Tetrachloroethylene	53		"	50.0		106	76-129		4.73	30	
Toluene	50		"	50.0		101	85-116		2.33	30	
trans-1,2-Dichloroethylene	49		"	50.0		98.5	66-136		2.07	30	
trans-1,3-Dichloropropylene	53		"	50.0		106	71-128		2.17	30	
Trichloroethylene	49		"	50.0		97.7	83-118		2.86	30	
Trichlorofluoromethane	46		"	50.0		91.4	54-141		3.12	30	
Vinyl Chloride	43		"	50.0		85.9	38-147		2.98	30	
Vinyl acetate	48		"	50.0		96.3	67-136		0.229	30	
Surrogate: 1,2-Dichloroethane-d4	*52.3*		*"*	*50.0*		*105*	*67-130*				
Surrogate: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.2*	*75-127*				
Surrogate: Toluene-d8	*48.2*		*"*	*50.0*		*96.3*	*90-112*				
Batch BC40916 - EPA 5035A											
Blank (BC40916-BLK1)								Prepared & Analyzed: 03/21/2014			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	4.2	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								

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 BC40916 - EPA 5035A											
Blank (BC40916-BLK1)								Prepared & Analyzed: 03/21/2014			
Bromoform	ND	5.0	ug/kg wet								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	3.0	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*52.1*		*ug/L*	*50.0*		*104*	*67-130*				
Surrogate: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.7*	*75-127*				
Surrogate: Toluene-d8	*49.1*		*"*	*50.0*		*98.1*	*90-112*				

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 BC40916 - EPA 5035A											
LCS (BC40916-BS1)							Prepared & Analyzed: 03/21/2014				
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		108	72-126				
1,1,1-Trichloroethane	55		"	50.0		110	74-126				
1,1,2,2-Tetrachloroethane	54		"	50.0		107	72-133				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		107	47-160				
1,1,2-Trichloroethane	53		"	50.0		106	81-124				
1,1-Dichloroethane	52		"	50.0		105	80-125				
1,1-Dichloroethylene	48		"	50.0		97.0	62-136				
1,1-Dichloropropylene	52		"	50.0		103	81-121				
1,2,3-Trichlorobenzene	55		"	50.0		110	63-154				
1,2,3-Trichloropropane	53		"	50.0		106	70-126				
1,2,4-Trichlorobenzene	56		"	50.0		112	61-158				
1,2,4-Trimethylbenzene	54		"	50.0		107	83-123				
1,2-Dibromo-3-chloropropane	59		"	50.0		117	48-152				
1,2-Dibromoethane	54		"	50.0		108	81-123				
1,2-Dichlorobenzene	39		"	50.0		78.3	81-117	Low Bias			
1,2-Dichloroethane	56		"	50.0		112	67-129				
1,2-Dichloropropane	50		"	50.0		99.8	74-127				
1,3,5-Trimethylbenzene	53		"	50.0		106	81-120				
1,3-Dichlorobenzene	53		"	50.0		107	84-117				
1,3-Dichloropropane	53		"	50.0		106	77-125				
1,4-Dichlorobenzene	54		"	50.0		107	85-118				
1,4-Dioxane	1200		"	1000		120	31-190				
2,2-Dichloropropane	55		"	50.0		110	69-129				
2-Butanone	60		"	50.0		119	58-159				
2-Chlorotoluene	51		"	50.0		103	75-123				
4-Chlorotoluene	52		"	50.0		104	76-121				
Acetone	55		"	50.0		110	32-173				
Benzene	54		"	50.0		108	83-126				
Bromobenzene	57		"	50.0		115	70-130				
Bromochloromethane	56		"	50.0		111	73-128				
Bromodichloromethane	53		"	50.0		106	74-126				
Bromoform	60		"	50.0		121	63-137				
Bromomethane	44		"	50.0		88.9	24-144				
Carbon tetrachloride	55		"	50.0		110	68-132				
Chlorobenzene	53		"	50.0		105	87-115				
Chloroethane	45		"	50.0		90.5	39-146				
Chloroform	55		"	50.0		110	84-120				
Chloromethane	39		"	50.0		78.2	35-153				
cis-1,2-Dichloroethylene	53		"	50.0		106	86-121				
cis-1,3-Dichloropropylene	52		"	50.0		104	78-122				
Dibromochloromethane	56		"	50.0		113	41-149				
Dibromomethane	54		"	50.0		108	82-118				
Dichlorodifluoromethane	29		"	50.0		57.9	52-143				
Ethyl Benzene	53		"	50.0		106	81-118				
Hexachlorobutadiene	54		"	50.0		107	70-133				
Isopropylbenzene	52		"	50.0		104	78-122				
Methyl tert-butyl ether (MTBE)	56		"	50.0		112	62-140				
Methylene chloride	52		"	50.0		103	48-143				
Naphthalene	52		"	50.0		103	55-160				
n-Butylbenzene	53		"	50.0		107	71-142				
n-Propylbenzene	52		"	50.0		105	80-123				

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 BC40916 - EPA 5035A											
LCS (BC40916-BS1)							Prepared & Analyzed: 03/21/2014				
o-Xylene	53		ug/L	50.0		106	81-118				
p- & m- Xylenes	110		"	100		110	80-120				
p-Isopropyltoluene	54		"	50.0		108	83-126				
sec-Butylbenzene	53		"	50.0		106	84-123				
Styrene	53		"	50.0		106	85-115				
tert-Butylbenzene	52		"	50.0		105	78-122				
Tetrachloroethylene	53		"	50.0		106	76-129				
Toluene	52		"	50.0		104	85-116				
trans-1,2-Dichloroethylene	51		"	50.0		103	66-136				
trans-1,3-Dichloropropylene	54		"	50.0		108	71-128				
Trichloroethylene	50		"	50.0		101	83-118				
Trichlorofluoromethane	47		"	50.0		93.7	54-141				
Vinyl Chloride	41		"	50.0		82.7	38-147				
Vinyl acetate	49		"	50.0		97.2	67-136				
Surrogate: 1,2-Dichloroethane-d4	*54.2*		*"*	*50.0*		*108*	*67-130*				
Surrogate: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.6*	*75-127*				
Surrogate: Toluene-d8	*47.8*		*"*	*50.0*		*95.7*	*90-112*				
LCS Dup (BC40916-BSD1)							Prepared & Analyzed: 03/21/2014				
1,1,1,2-Tetrachloroethane	55		ug/L	50.0		110	72-126		2.16	30	
1,1,1-Trichloroethane	56		"	50.0		113	74-126		2.37	30	
1,1,2,2-Tetrachloroethane	54		"	50.0		107	72-133		0.317	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		112	47-160		4.78	30	
1,1,2-Trichloroethane	54		"	50.0		108	81-124		1.46	30	
1,1-Dichloroethane	53		"	50.0		107	80-125		1.72	30	
1,1-Dichloroethylene	50		"	50.0		101	62-136		3.68	30	
1,1-Dichloropropylene	55		"	50.0		110	81-121		6.31	30	
1,2,3-Trichlorobenzene	55		"	50.0		109	63-154		0.183	30	
1,2,3-Trichloropropane	54		"	50.0		107	70-126		0.975	30	
1,2,4-Trichlorobenzene	55		"	50.0		111	61-158		0.737	30	
1,2,4-Trimethylbenzene	55		"	50.0		110	83-123		2.87	30	
1,2-Dibromo-3-chloropropane	56		"	50.0		112	48-152		4.94	30	
1,2-Dibromoethane	55		"	50.0		110	81-123		2.37	30	
1,2-Dichlorobenzene	58		"	50.0		115	81-117		38.1	30	Non-dir.
1,2-Dichloroethane	4.4		"	50.0		8.86	67-129	Low Bias	171	30	Non-dir.
1,2-Dichloropropane	52		"	50.0		104	74-127		3.87	30	
1,3,5-Trimethylbenzene	55		"	50.0		109	81-120		3.04	30	
1,3-Dichlorobenzene	55		"	50.0		110	84-117		2.61	30	
1,3-Dichloropropane	53		"	50.0		106	77-125		0.490	30	
1,4-Dichlorobenzene	54		"	50.0		108	85-118		0.446	30	
1,4-Dioxane	530		"	1000		53.5	31-190		76.7	30	Non-dir.
2,2-Dichloropropane	56		"	50.0		113	69-129		2.04	30	
2-Butanone	61		"	50.0		122	58-159		2.30	30	
2-Chlorotoluene	53		"	50.0		105	75-123		2.33	30	
4-Chlorotoluene	53		"	50.0		106	76-121		1.33	30	
Acetone	54		"	50.0		109	32-173		1.04	30	
Benzene	56		"	50.0		111	83-126		3.11	30	
Bromobenzene	51		"	50.0		102	70-130		11.7	30	
Bromochloromethane	56		"	50.0		112	73-128		0.627	30	
Bromodichloromethane	54		"	50.0		108	74-126		2.09	30	
Bromoform	60		"	50.0		120	63-137		0.499	30	
Bromomethane	43		"	50.0		86.5	24-144		2.69	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 BC40916 - EPA 5035A											
LCS Dup (BC40916-BSD1)							Prepared & Analyzed: 03/21/2014				
Carbon tetrachloride	57		ug/L	50.0		114	68-132		3.76	30	
Chlorobenzene	54		"	50.0		108	87-115		3.13	30	
Chloroethane	47		"	50.0		93.2	39-146		2.98	30	
Chloroform	56		"	50.0		112	84-120		1.76	30	
Chloromethane	41		"	50.0		81.7	35-153		4.43	30	
cis-1,2-Dichloroethylene	54		"	50.0		109	86-121		2.74	30	
cis-1,3-Dichloropropylene	53		"	50.0		106	78-122		2.08	30	
Dibromochloromethane	58		"	50.0		115	41-149		1.95	30	
Dibromomethane	53		"	50.0		106	82-118		2.13	30	
Dichlorodifluoromethane	31		"	50.0		62.2	52-143		7.13	30	
Ethyl Benzene	55		"	50.0		110	81-118		4.03	30	
Hexachlorobutadiene	55		"	50.0		110	70-133		2.19	30	
Isopropylbenzene	54		"	50.0		108	78-122		3.65	30	
Methyl tert-butyl ether (MTBE)	56		"	50.0		112	62-140		0.0179	30	
Methylene chloride	52		"	50.0		105	48-143		1.10	30	
Naphthalene	51		"	50.0		102	55-160		1.01	30	
n-Butylbenzene	55		"	50.0		110	71-142		2.71	30	
n-Propylbenzene	54		"	50.0		108	80-123		3.14	30	
o-Xylene	55		"	50.0		109	81-118		3.09	30	
p- & m- Xylenes	110		"	100		114	80-120		3.89	30	
p-Isopropyltoluene	55		"	50.0		111	83-126		2.95	30	
sec-Butylbenzene	55		"	50.0		110	84-123		4.27	30	
Styrene	55		"	50.0		109	85-115		3.09	30	
tert-Butylbenzene	54		"	50.0		109	78-122		3.60	30	
Tetrachloroethylene	56		"	50.0		112	76-129		5.52	30	
Toluene	54		"	50.0		107	85-116		3.34	30	
trans-1,2-Dichloroethylene	53		"	50.0		106	66-136		2.98	30	
trans-1,3-Dichloropropylene	55		"	50.0		110	71-128		1.39	30	
Trichloroethylene	53		"	50.0		106	83-118		5.08	30	
Trichlorofluoromethane	48		"	50.0		96.5	54-141		2.92	30	
Vinyl Chloride	43		"	50.0		86.9	38-147		4.98	30	
Vinyl acetate	48		"	50.0		96.8	67-136		0.413	30	
Surrogate: 1,2-Dichloroethane-d4	*52.4*		*"*	*50.0*		*105*	*67-130*				
Surrogate: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.7*	*75-127*				
Surrogate: Toluene-d8	*48.8*		*"*	*50.0*		*97.6*	*90-112*				

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 BC40969 - EPA 5035A											
Blank (BC40969-BLK1)								Prepared & Analyzed: 03/24/2014			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	3.3	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	2.8	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	5.8	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								

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 BC40969 - EPA 5035A											
Blank (BC40969-BLK1)								Prepared & Analyzed: 03/24/2014			
o-Xylene	ND	5.0	ug/kg wet								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*51.2*		*ug/L*	*50.0*		*102*	*67-130*				
Surrogate: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.2*	*75-127*				
Surrogate: Toluene-d8	*47.9*		*"*	*50.0*		*95.8*	*90-112*				
LCS (BC40969-BS1)								Prepared & Analyzed: 03/24/2014			
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		103	72-126				
1,1,1-Trichloroethane	51		"	50.0		102	74-126				
1,1,2,2-Tetrachloroethane	44		"	50.0		87.3	72-133				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		106	47-160				
1,1,2-Trichloroethane	48		"	50.0		96.2	81-124				
1,1-Dichloroethane	52		"	50.0		105	80-125				
1,1-Dichloroethylene	55		"	50.0		110	62-136				
1,1-Dichloropropylene	53		"	50.0		106	81-121				
1,2,3-Trichlorobenzene	49		"	50.0		98.8	63-154				
1,2,3-Trichloropropane	44		"	50.0		88.7	70-126				
1,2,4-Trichlorobenzene	51		"	50.0		103	61-158				
1,2,4-Trimethylbenzene	52		"	50.0		104	83-123				
1,2-Dibromo-3-chloropropane	46		"	50.0		91.7	48-152				
1,2-Dibromoethane	46		"	50.0		92.7	81-123				
1,2-Dichlorobenzene	51		"	50.0		101	81-117				
1,2-Dichloroethane	49		"	50.0		98.4	67-129				
1,2-Dichloropropane	52		"	50.0		104	74-127				
1,3,5-Trimethylbenzene	51		"	50.0		102	81-120				
1,3-Dichlorobenzene	52		"	50.0		104	84-117				
1,3-Dichloropropane	48		"	50.0		96.5	77-125				
1,4-Dichlorobenzene	50		"	50.0		101	85-118				
1,4-Dioxane	100		"	1000		10.2	31-190	Low Bias			
2,2-Dichloropropane	54		"	50.0		108	69-129				
2-Butanone	56		"	50.0		113	58-159				
2-Chlorotoluene	50		"	50.0		101	75-123				
4-Chlorotoluene	52		"	50.0		104	76-121				
Acetone	70		"	50.0		140	32-173				
Benzene	51		"	50.0		101	83-126				
Bromobenzene	49		"	50.0		97.1	70-130				
Bromochloromethane	51		"	50.0		102	73-128				
Bromodichloromethane	53		"	50.0		106	74-126				
Bromoform	47		"	50.0		94.5	63-137				

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 BC40969 - EPA 5035A											
LCS (BC40969-BS1)							Prepared & Analyzed: 03/24/2014				
Bromomethane	63		ug/L	50.0		126	24-144				
Carbon tetrachloride	51		"	50.0		102	68-132				
Chlorobenzene	50		"	50.0		100	87-115				
Chloroethane	63		"	50.0		125	39-146				
Chloroform	51		"	50.0		103	84-120				
Chloromethane	51		"	50.0		102	35-153				
cis-1,2-Dichloroethylene	51		"	50.0		102	86-121				
cis-1,3-Dichloropropylene	51		"	50.0		102	78-122				
Dibromochloromethane	50		"	50.0		101	41-149				
Dibromomethane	49		"	50.0		98.5	82-118				
Dichlorodifluoromethane	41		"	50.0		81.8	52-143				
Ethyl Benzene	52		"	50.0		104	81-118				
Hexachlorobutadiene	55		"	50.0		110	70-133				
Isopropylbenzene	52		"	50.0		104	78-122				
Methyl tert-butyl ether (MTBE)	47		"	50.0		94.1	62-140				
Methylene chloride	48		"	50.0		95.9	48-143				
Naphthalene	47		"	50.0		93.4	55-160				
n-Butylbenzene	55		"	50.0		109	71-142				
n-Propylbenzene	51		"	50.0		102	80-123				
o-Xylene	53		"	50.0		107	81-118				
p- & m- Xylenes	110		"	100		107	80-120				
p-Isopropyltoluene	53		"	50.0		105	83-126				
sec-Butylbenzene	52		"	50.0		104	84-123				
Styrene	53		"	50.0		106	85-115				
tert-Butylbenzene	52		"	50.0		104	78-122				
Tetrachloroethylene	53		"	50.0		106	76-129				
Toluene	54		"	50.0		107	85-116				
trans-1,2-Dichloroethylene	53		"	50.0		106	66-136				
trans-1,3-Dichloropropylene	52		"	50.0		104	71-128				
Trichloroethylene	52		"	50.0		105	83-118				
Trichlorofluoromethane	52		"	50.0		104	54-141				
Vinyl Chloride	51		"	50.0		102	38-147				
Vinyl acetate	44		"	50.0		87.3	67-136				
Surrogate: 1,2-Dichloroethane-d4	*47.5*		*"*	*50.0*		*94.9*	*67-130*				
Surrogate: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.6*	*75-127*				
Surrogate: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*90-112*				

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 BC40969 - EPA 5035A											
LCS Dup (BC40969-BSD1)								Prepared & Analyzed: 03/24/2014			
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		108	72-126		4.18	30	
1,1,1-Trichloroethane	53		"	50.0		106	74-126		3.91	30	
1,1,2,2-Tetrachloroethane	45		"	50.0		89.6	72-133		2.53	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		111	47-160		5.32	30	
1,1,2-Trichloroethane	50		"	50.0		101	81-124		4.53	30	
1,1-Dichloroethane	54		"	50.0		109	80-125		3.74	30	
1,1-Dichloroethylene	56		"	50.0		111	62-136		0.902	30	
1,1-Dichloropropylene	55		"	50.0		109	81-121		3.12	30	
1,2,3-Trichlorobenzene	50		"	50.0		101	63-154		2.12	30	
1,2,3-Trichloropropane	44		"	50.0		87.8	70-126		1.11	30	
1,2,4-Trichlorobenzene	52		"	50.0		104	61-158		1.49	30	
1,2,4-Trimethylbenzene	48		"	50.0		96.9	83-123		7.03	30	
1,2-Dibromo-3-chloropropane	51		"	50.0		102	48-152		10.9	30	
1,2-Dibromoethane	51		"	50.0		102	81-123		9.49	30	
1,2-Dichlorobenzene	50		"	50.0		99.8	81-117		1.21	30	
1,2-Dichloroethane	53		"	50.0		105	67-129		6.54	30	
1,2-Dichloropropane	53		"	50.0		106	74-127		1.62	30	
1,3,5-Trimethylbenzene	49		"	50.0		97.2	81-120		5.25	30	
1,3-Dichlorobenzene	50		"	50.0		101	84-117		3.42	30	
1,3-Dichloropropane	50		"	50.0		99.3	77-125		2.88	30	
1,4-Dichlorobenzene	52		"	50.0		104	85-118		2.88	30	
1,4-Dioxane	83		"	1000		8.34	31-190	Low Bias	20.1	30	
2,2-Dichloropropane	55		"	50.0		110	69-129		1.60	30	
2-Butanone	63		"	50.0		126	58-159		11.1	30	
2-Chlorotoluene	48		"	50.0		96.0	75-123		4.92	30	
4-Chlorotoluene	50		"	50.0		99.9	76-121		4.18	30	
Acetone	76		"	50.0		152	32-173		8.72	30	
Benzene	53		"	50.0		106	83-126		4.36	30	
Bromobenzene	47		"	50.0		93.7	70-130		3.63	30	
Bromochloromethane	54		"	50.0		108	73-128		5.84	30	
Bromodichloromethane	53		"	50.0		106	74-126		0.132	30	
Bromoform	50		"	50.0		101	63-137		6.65	30	
Bromomethane	62		"	50.0		124	24-144		1.91	30	
Carbon tetrachloride	53		"	50.0		107	68-132		4.66	30	
Chlorobenzene	51		"	50.0		103	87-115		2.01	30	
Chloroethane	60		"	50.0		120	39-146		4.55	30	
Chloroform	54		"	50.0		107	84-120		4.37	30	
Chloromethane	52		"	50.0		103	35-153		0.759	30	
cis-1,2-Dichloroethylene	53		"	50.0		106	86-121		4.08	30	
cis-1,3-Dichloropropylene	54		"	50.0		107	78-122		4.35	30	
Dibromochloromethane	52		"	50.0		104	41-149		2.94	30	
Dibromomethane	51		"	50.0		101	82-118		2.78	30	
Dichlorodifluoromethane	43		"	50.0		86.5	52-143		5.63	30	
Ethyl Benzene	53		"	50.0		105	81-118		1.55	30	
Hexachlorobutadiene	53		"	50.0		105	70-133		4.66	30	
Isopropylbenzene	49		"	50.0		98.9	78-122		4.80	30	
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	62-140		11.7	30	
Methylene chloride	48		"	50.0		96.9	48-143		0.996	30	
Naphthalene	51		"	50.0		103	55-160		9.41	30	
n-Butylbenzene	52		"	50.0		104	71-142		5.17	30	
n-Propylbenzene	49		"	50.0		97.8	80-123		4.10	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC40969 - EPA 5035A											
LCS Dup (BC40969-BSD1)							Prepared & Analyzed: 03/24/2014				
o-Xylene	53		ug/L	50.0		106	81-118		0.715	30	
p- & m- Xylenes	100		"	100		105	80-120		1.93	30	
p-Isopropyltoluene	50		"	50.0		101	83-126		4.30	30	
sec-Butylbenzene	49		"	50.0		99.0	84-123		5.20	30	
Styrene	53		"	50.0		106	85-115		0.567	30	
tert-Butylbenzene	50		"	50.0		100	78-122		3.86	30	
Tetrachloroethylene	54		"	50.0		108	76-129		1.86	30	
Toluene	53		"	50.0		107	85-116		0.618	30	
trans-1,2-Dichloroethylene	55		"	50.0		110	66-136		3.90	30	
trans-1,3-Dichloropropylene	52		"	50.0		104	71-128		0.0766	30	
Trichloroethylene	52		"	50.0		105	83-118		0.305	30	
Trichlorofluoromethane	54		"	50.0		108	54-141		4.07	30	
Vinyl Chloride	53		"	50.0		107	38-147		4.32	30	
Vinyl acetate	48		"	50.0		96.8	67-136		10.4	30	
Surrogate: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.8*	*67-130*				
Surrogate: p-Bromofluorobenzene	*47.5*		*"*	*50.0*		*95.0*	*75-127*				
Surrogate: Toluene-d8	*49.1*		*"*	*50.0*		*98.3*	*90-112*				

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 BC40700 - EPA 3550C											
Blank (BC40700-BLK1)								Prepared & Analyzed: 03/19/2014			
Acenaphthene	ND	167	ug/kg wet								
Acenaphthylene	ND	167	"								
Aniline	ND	167	"								
Anthracene	ND	167	"								
Benzo(a)anthracene	ND	167	"								
Benzo(a)pyrene	ND	167	"								
Benzo(b)fluoranthene	ND	167	"								
Benzo(g,h,i)perylene	ND	167	"								
Benzo(k)fluoranthene	ND	167	"								
Benzyl alcohol	ND	167	"								
Benzyl butyl phthalate	ND	167	"								
4-Bromophenyl phenyl ether	ND	167	"								
4-Chloro-3-methylphenol	ND	167	"								
4-Chloroaniline	ND	167	"								
Bis(2-chloroethoxy)methane	ND	167	"								
Bis(2-chloroethyl)ether	ND	167	"								
Bis(2-chloroisopropyl)ether	ND	167	"								
2-Chloronaphthalene	ND	167	"								
2-Chlorophenol	ND	167	"								
4-Chlorophenyl phenyl ether	ND	167	"								
Chrysene	ND	167	"								
Dibenzo(a,h)anthracene	ND	167	"								
Dibenzofuran	ND	167	"								
Di-n-butyl phthalate	ND	167	"								
1,3-Dichlorobenzene	ND	167	"								
1,4-Dichlorobenzene	ND	167	"								
1,2-Dichlorobenzene	ND	167	"								
3,3'-Dichlorobenzidine	ND	333	"								
2,4-Dichlorophenol	ND	167	"								
Diethyl phthalate	ND	167	"								
2,4-Dimethylphenol	ND	167	"								
Dimethyl phthalate	ND	167	"								
4,6-Dinitro-2-methylphenol	ND	167	"								
2,4-Dinitrophenol	ND	333	"								
2,4-Dinitrotoluene	ND	167	"								
2,6-Dinitrotoluene	ND	167	"								
Di-n-octyl phthalate	ND	167	"								
Bis(2-ethylhexyl)phthalate	ND	167	"								
Fluoranthene	ND	167	"								
Fluorene	ND	167	"								
Hexachlorobenzene	ND	167	"								
Hexachlorobutadiene	ND	167	"								
Hexachlorocyclopentadiene	ND	167	"								
Hexachloroethane	ND	167	"								
Indeno(1,2,3-cd)pyrene	ND	167	"								
Isophorone	ND	167	"								
2-Methylnaphthalene	ND	167	"								
2-Methylphenol	ND	167	"								
3- & 4-Methylphenols	ND	167	"								
Naphthalene	ND	167	"								
3-Nitroaniline	ND	167	"								

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 BC40700 - EPA 3550C											
Blank (BC40700-BLK1)								Prepared & Analyzed: 03/19/2014			
2-Nitroaniline	ND	167	ug/kg wet								
4-Nitroaniline	ND	167	"								
Nitrobenzene	ND	167	"								
2-Nitrophenol	ND	167	"								
4-Nitrophenol	ND	167	"								
N-nitroso-di-n-propylamine	ND	167	"								
N-Nitrosodimethylamine	ND	167	"								
N-Nitrosodiphenylamine	ND	167	"								
Pentachlorophenol	ND	167	"								
Phenanthrene	ND	167	"								
Phenol	ND	167	"								
Pyrene	ND	167	"								
Pyridine	ND	167	"								
1,2,4-Trichlorobenzene	ND	167	"								
2,4,6-Trichlorophenol	ND	167	"								
2,4,5-Trichlorophenol	ND	167	"								
Surrogate: 2-Fluorophenol	*1460*		*"*	*2520*		*57.9*	*10-105*				
Surrogate: Phenol-d5	*1620*		*"*	*2520*		*64.2*	*10-118*				
Surrogate: Nitrobenzene-d5	*932*		*"*	*1700*		*54.8*	*10-140*				
Surrogate: 2-Fluorobiphenyl	*888*		*"*	*1690*		*52.4*	*10-126*				
Surrogate: 2,4,6-Tribromophenol	*2100*		*"*	*2480*		*84.5*	*10-150*				
Surrogate: Terphenyl-d14	*847*		*"*	*1690*		*50.1*	*10-137*				
LCS (BC40700-BS1)								Prepared & Analyzed: 03/19/2014			
Acenaphthene	1060	167	ug/kg wet	1670		63.8	17-124				
Acenaphthylene	923	167	"	1670		55.4	16-124				
Aniline	930	167	"	1670		55.8	10-111				
Anthracene	1250	167	"	1670		74.9	24-124				
Benzo(a)anthracene	1420	167	"	1670		85.0	25-134				
Benzo(a)pyrene	1390	167	"	1670		83.6	29-144				
Benzo(b)fluoranthene	1180	167	"	1670		70.5	20-151				
Benzo(g,h,i)perylene	636	167	"	1670		38.2	10-153				
Benzo(k)fluoranthene	3000	167	"	1670		180	10-148	High Bias			
Benzyl alcohol	917	167	"	1670		55.0	17-128				
Benzyl butyl phthalate	1310	167	"	1670		78.6	10-132				
4-Bromophenyl phenyl ether	1130	167	"	1670		67.6	30-138				
4-Chloro-3-methylphenol	1110	167	"	1670		66.6	16-138				
4-Chloroaniline	601	167	"	1670		36.1	10-117				
Bis(2-chloroethoxy)methane	1280	167	"	1670		76.9	10-129				
Bis(2-chloroethyl)ether	1100	167	"	1670		65.9	14-125				
Bis(2-chloroisopropyl)ether	1260	167	"	1670		75.5	14-122				
2-Chloronaphthalene	770	167	"	1670		46.2	22-115				
2-Chlorophenol	843	167	"	1670		50.6	25-121				
4-Chlorophenyl phenyl ether	1070	167	"	1670		64.4	18-132				
Chrysene	1570	167	"	1670		94.1	24-116				
Dibenzo(a,h)anthracene	878	167	"	1670		52.7	17-147				
Dibenzofuran	870	167	"	1670		52.2	23-123				
Di-n-butyl phthalate	1160	167	"	1670		69.8	19-123				
1,3-Dichlorobenzene	1080	167	"	1670		64.5	32-113				
1,4-Dichlorobenzene	1020	167	"	1670		61.5	28-111				
1,2-Dichlorobenzene	1030	167	"	1670		61.7	26-113				

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 BC40700 - EPA 3550C											
LCS (BC40700-BS1)							Prepared & Analyzed: 03/19/2014				
3,3'-Dichlorobenzidine	1390	333	ug/kg wet	1670		83.5	10-147				
2,4-Dichlorophenol	832	167	"	1670		49.9	23-133				
Diethyl phthalate	1140	167	"	1670		68.3	23-122				
2,4-Dimethylphenol	1250	167	"	1670		75.1	15-131				
Dimethyl phthalate	1240	167	"	1670		74.5	28-127				
4,6-Dinitro-2-methylphenol	840	167	"	1670		50.4	10-149				
2,4-Dinitrophenol	707	333	"	1670		42.4	10-149				
2,4-Dinitrotoluene	1190	167	"	1670		71.6	30-123				
2,6-Dinitrotoluene	765	167	"	1670		45.9	30-125				
Di-n-octyl phthalate	1120	167	"	1670		67.4	10-132				
Bis(2-ethylhexyl)phthalate	962	167	"	1670		57.7	10-141				
Fluoranthene	1230	167	"	1670		74.0	36-125				
Fluorene	1110	167	"	1670		66.8	16-130				
Hexachlorobenzene	923	167	"	1670		55.4	10-129				
Hexachlorobutadiene	1250	167	"	1670		74.7	22-153				
Hexachlorocyclopentadiene	428	167	"	1670		25.7	10-134				
Hexachloroethane	900	167	"	1670		54.0	20-112				
Indeno(1,2,3-cd)pyrene	791	167	"	1670		47.5	10-155				
Isophorone	1050	167	"	1670		63.2	14-131				
2-Methylnaphthalene	1210	167	"	1670		72.6	16-127				
2-Methylphenol	767	167	"	1670		46.0	10-146				
3- & 4-Methylphenols	1150	167	"	1670		69.3	20-109				
Naphthalene	1160	167	"	1670		69.6	20-121				
3-Nitroaniline	1010	167	"	1670		60.4	23-123				
2-Nitroaniline	1320	167	"	1670		79.2	24-126				
4-Nitroaniline	1200	167	"	1670		71.8	14-125				
Nitrobenzene	1190	167	"	1670		71.4	20-121				
2-Nitrophenol	991	167	"	1670		59.5	17-129				
4-Nitrophenol	1410	167	"	1670		84.8	10-136				
N-nitroso-di-n-propylamine	1110	167	"	1670		66.6	21-119				
N-Nitrosodimethylamine	1330	167	"	1670		79.8	10-124				
N-Nitrosodiphenylamine	1170	167	"	1670		70.1	10-163				
Pentachlorophenol	1400	167	"	1670		83.9	10-143				
Phenanthrene	1230	167	"	1670		74.0	24-123				
Phenol	1150	167	"	1670		69.2	15-123				
Pyrene	1370	167	"	1670		82.2	24-132				
Pyridine	900	167	"	1670		54.0	10-92				
1,2,4-Trichlorobenzene	877	167	"	1670		52.6	23-130				
2,4,6-Trichlorophenol	881	167	"	1670		52.9	27-122				
2,4,5-Trichlorophenol	1180	167	"	1670		70.8	14-138				
Surrogate: 2-Fluorophenol	*1710*		*"*	*2520*		*67.9*	*10-105*				
Surrogate: Phenol-d5	*1610*		*"*	*2520*		*63.9*	*10-118*				
Surrogate: Nitrobenzene-d5	*1170*		*"*	*1700*		*68.9*	*10-140*				
Surrogate: 2-Fluorobiphenyl	*839*		*"*	*1690*		*49.5*	*10-126*				
Surrogate: 2,4,6-Tribromophenol	*2390*		*"*	*2480*		*96.4*	*30-130*				
Surrogate: Terphenyl-d14	*1220*		*"*	*1690*		*72.2*	*10-137*				

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 BC40700 - EPA 3550C											
LCS Dup (BC40700-BSD1)								Prepared & Analyzed: 03/19/2014			
Acenaphthene	1030	167	ug/kg wet	1670		61.6	17-124		3.54	30	
Acenaphthylene	1100	167	"	1670		66.2	16-124		17.7	30	
Aniline	1040	167	"	1670		62.1	10-111		10.7	30	
Anthracene	1790	167	"	1670		108	24-124		35.9	30	Non-dir.
Benzo(a)anthracene	1770	167	"	1670		106	25-134		22.3	30	
Benzo(a)pyrene	1660	167	"	1670		99.8	29-144		17.6	30	
Benzo(b)fluoranthene	2030	167	"	1670		122	20-151		53.1	30	Non-dir.
Benzo(g,h,i)perylene	697	167	"	1670		41.8	10-153		9.20	30	
Benzo(k)fluoranthene	1370	167	"	1670		81.9	10-148		74.8	30	Non-dir.
Benzyl alcohol	1460	167	"	1670		87.8	17-128		45.9	30	Non-dir.
Benzyl butyl phthalate	1370	167	"	1670		82.4	10-132		4.62	30	
4-Bromophenyl phenyl ether	2180	167	"	1670		131	30-138		63.7	30	Non-dir.
4-Chloro-3-methylphenol	1410	167	"	1670		84.6	16-138		23.8	30	
4-Chloroaniline	978	167	"	1670		58.7	10-117		47.8	30	Non-dir.
Bis(2-chloroethoxy)methane	1270	167	"	1670		76.3	10-129		0.784	30	
Bis(2-chloroethyl)ether	1360	167	"	1670		81.8	14-125		21.5	30	
Bis(2-chloroisopropyl)ether	1690	167	"	1670		101	14-122		29.1	30	
2-Chloronaphthalene	1230	167	"	1670		73.7	22-115		45.9	30	Non-dir.
2-Chlorophenol	1460	167	"	1670		87.4	25-121		53.4	30	Non-dir.
4-Chlorophenyl phenyl ether	840	167	"	1670		50.4	18-132		24.4	30	
Chrysene	1990	167	"	1670		119	24-116	High Bias	23.5	30	
Dibenzo(a,h)anthracene	974	167	"	1670		58.4	17-147		10.3	30	
Dibenzofuran	1110	167	"	1670		66.5	23-123		24.1	30	
Di-n-butyl phthalate	1360	167	"	1670		81.7	19-123		15.6	30	
1,3-Dichlorobenzene	1490	167	"	1670		89.2	32-113		32.1	30	Non-dir.
1,4-Dichlorobenzene	1310	167	"	1670		78.9	28-111		24.8	30	
1,2-Dichlorobenzene	1320	167	"	1670		79.2	26-113		24.8	30	
3,3'-Dichlorobenzidine	1570	333	"	1670		94.4	10-147		12.3	30	
2,4-Dichlorophenol	1240	167	"	1670		74.2	23-133		39.1	30	Non-dir.
Diethyl phthalate	1290	167	"	1670		77.6	23-122		12.8	30	
2,4-Dimethylphenol	1260	167	"	1670		75.9	15-131		1.03	30	
Dimethyl phthalate	1010	167	"	1670		60.8	28-127		20.3	30	
4,6-Dinitro-2-methylphenol	1460	167	"	1670		87.7	10-149		54.1	30	Non-dir.
2,4-Dinitrophenol	898	333	"	1670		53.9	10-149		23.8	30	
2,4-Dinitrotoluene	1030	167	"	1670		61.8	30-123		14.7	30	
2,6-Dinitrotoluene	1260	167	"	1670		75.8	30-125		49.1	30	Non-dir.
Di-n-octyl phthalate	1490	167	"	1670		89.5	10-132		28.2	30	
Bis(2-ethylhexyl)phthalate	1360	167	"	1670		81.7	10-141		34.4	30	Non-dir.
Fluoranthene	1750	167	"	1670		105	36-125		34.7	30	Non-dir.
Fluorene	1270	167	"	1670		76.2	16-130		13.2	30	
Hexachlorobenzene	1360	167	"	1670		81.8	10-129		38.5	30	Non-dir.
Hexachlorobutadiene	1210	167	"	1670		72.6	22-153		2.85	30	
Hexachlorocyclopentadiene	386	167	"	1670		23.2	10-134		10.3	30	
Hexachloroethane	1240	167	"	1670		74.6	20-112		32.1	30	Non-dir.
Indeno(1,2,3-cd)pyrene	967	167	"	1670		58.0	10-155		20.1	30	
Isophorone	1460	167	"	1670		87.7	14-131		32.5	30	Non-dir.
2-Methylnaphthalene	1320	167	"	1670		79.4	16-127		9.03	30	
2-Methylphenol	1210	167	"	1670		72.9	10-146		45.2	30	Non-dir.
3- & 4-Methylphenols	1250	167	"	1670		75.0	20-109		7.96	30	
Naphthalene	907	167	"	1670		54.4	20-121		24.4	30	
3-Nitroaniline	1610	167	"	1670		96.5	23-123		45.9	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 BC40700 - EPA 3550C											
LCS Dup (BC40700-BSD1)								Prepared & Analyzed: 03/19/2014			
2-Nitroaniline	973	167	ug/kg wet	1670		58.4	24-126		30.2	30	Non-dir.
4-Nitroaniline	1260	167	"	1670		75.3	14-125		4.76	30	
Nitrobenzene	1460	167	"	1670		87.9	20-121		20.7	30	
2-Nitrophenol	1200	167	"	1670		71.7	17-129		18.7	30	
4-Nitrophenol	1190	167	"	1670		71.7	10-136		16.8	30	
N-nitroso-di-n-propylamine	1680	167	"	1670		101	21-119		40.9	30	Non-dir.
N-Nitrosodimethylamine	1520	167	"	1670		91.3	10-124		13.4	30	
N-Nitrosodiphenylamine	1890	167	"	1670		113	10-163		47.0	30	Non-dir.
Pentachlorophenol	1670	167	"	1670		100	10-143		17.4	30	
Phenanthrene	1590	167	"	1670		95.6	24-123		25.4	30	
Phenol	1180	167	"	1670		70.7	15-123		2.26	30	
Pyrene	1930	167	"	1670		116	24-132		33.8	30	Non-dir.
Pyridine	898	167	"	1670		53.9	10-92		0.259	30	
1,2,4-Trichlorobenzene	1460	167	"	1670		87.9	23-130		50.2	30	Non-dir.
2,4,6-Trichlorophenol	1350	167	"	1670		81.3	27-122		42.3	30	Non-dir.
2,4,5-Trichlorophenol	1300	167	"	1670		77.8	14-138		9.53	30	
Surrogate: 2-Fluorophenol	*1740*		*"*	*2520*		*68.9*	*10-105*				
Surrogate: Phenol-d5	*1860*		*"*	*2520*		*73.9*	*10-118*				
Surrogate: Nitrobenzene-d5	*1180*		*"*	*1700*		*69.5*	*10-140*				
Surrogate: 2-Fluorobiphenyl	*1090*		*"*	*1690*		*64.3*	*10-126*				
Surrogate: 2,4,6-Tribromophenol	*3190*		*"*	*2480*		*129*	*30-130*				
Surrogate: Terphenyl-d14	*1710*		*"*	*1690*		*101*	*10-137*				
Batch BC40710 - EPA 3510C											
Blank (BC40710-BLK1)								Prepared & Analyzed: 03/19/2014			
Acenaphthene	ND	5.00	ug/L								
Acenaphthylene	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	5.00	"								
Benzo(a)anthracene	ND	5.00	"								
Benzo(a)pyrene	ND	5.00	"								
Benzo(b)fluoranthene	ND	5.00	"								
Benzo(g,h,i)perylene	ND	5.00	"								
Benzo(k)fluoranthene	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
Chrysene	ND	5.00	"								
Dibenzo(a,h)anthracene	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC40710 - EPA 3510C											
Blank (BC40710-BLK1)								Prepared & Analyzed: 03/19/2014			
1,2-Dichlorobenzene	ND	5.00	ug/L								
3,3'-Dichlorobenzidine	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	5.00	"								
Fluoranthene	ND	5.00	"								
Fluorene	ND	5.00	"								
Hexachlorobenzene	ND	5.00	"								
Hexachlorobutadiene	ND	5.00	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	5.00	"								
Indeno(1,2,3-cd)pyrene	ND	5.00	"								
Isophorone	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
Naphthalene	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
Nitrobenzene	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodimethylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	5.00	"								
Phenanthrene	ND	5.00	"								
Phenol	ND	5.00	"								
Pyrene	ND	5.00	"								
Pyridine	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
Surrogate: 2-Fluorophenol	*14.7*		*"*	*75.6*		*19.4*	*10-53*				
Surrogate: Phenol-d5	*11.4*		*"*	*75.5*		*15.1*	*10-39*				
Surrogate: Nitrobenzene-d5	*28.8*		*"*	*51.0*		*56.5*	*10-120*				
Surrogate: 2-Fluorobiphenyl	*23.9*		*"*	*50.8*		*47.1*	*10-108*				
Surrogate: 2,4,6-Tribromophenol	*56.9*		*"*	*74.4*		*76.4*	*10-150*				
Surrogate: Terphenyl-d14	*48.4*		*"*	*50.7*		*95.5*	*10-143*				

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 BC40710 - EPA 3510C											
LCS (BC40710-BS1)							Prepared & Analyzed: 03/19/2014				
Acenaphthene	31.5	5.00	ug/L	50.0		63.0	24-114				
Acenaphthylene	30.6	5.00	"	50.0		61.2	26-112				
Aniline	18.1	5.00	"	50.0		36.2	10-107				
Anthracene	36.9	5.00	"	50.0		73.7	35-114				
Benzo(a)anthracene	32.5	5.00	"	50.0		64.9	38-127				
Benzo(a)pyrene	45.6	5.00	"	50.0		91.3	30-146				
Benzo(b)fluoranthene	43.5	5.00	"	50.0		86.9	36-145				
Benzo(g,h,i)perylene	33.1	5.00	"	50.0		66.2	10-163				
Benzo(k)fluoranthene	35.8	5.00	"	50.0		71.7	16-149				
Benzyl alcohol	18.0	5.00	"	50.0		36.1	18-75				
Benzyl butyl phthalate	25.6	5.00	"	50.0		51.1	28-129				
4-Bromophenyl phenyl ether	42.2	5.00	"	50.0		84.3	38-116				
4-Chloro-3-methylphenol	31.2	5.00	"	50.0		62.5	28-101				
4-Chloroaniline	37.7	5.00	"	50.0		75.4	10-154				
Bis(2-chloroethoxy)methane	30.0	5.00	"	50.0		60.0	27-112				
Bis(2-chloroethyl)ether	25.3	5.00	"	50.0		50.6	24-114				
Bis(2-chloroisopropyl)ether	30.9	5.00	"	50.0		61.8	21-124				
2-Chloronaphthalene	27.8	5.00	"	50.0		55.5	40-96				
2-Chlorophenol	23.0	5.00	"	50.0		46.0	35-84				
4-Chlorophenyl phenyl ether	41.0	5.00	"	50.0		81.9	34-112				
Chrysene	31.4	5.00	"	50.0		62.8	33-120				
Dibenzo(a,h)anthracene	39.8	5.00	"	50.0		79.5	10-149				
Dibenzofuran	31.6	5.00	"	50.0		63.2	42-105				
Di-n-butyl phthalate	38.4	5.00	"	50.0		76.7	36-110				
1,4-Dichlorobenzene	26.9	5.00	"	50.0		53.9	42-82				
1,3-Dichlorobenzene	24.6	5.00	"	50.0		49.1	45-80				
1,2-Dichlorobenzene	26.3	5.00	"	50.0		52.7	42-85				
3,3'-Dichlorobenzidine	46.6	5.00	"	50.0		93.1	25-155				
2,4-Dichlorophenol	30.8	5.00	"	50.0		61.5	43-92				
Diethyl phthalate	36.7	5.00	"	50.0		73.3	38-112				
2,4-Dimethylphenol	24.9	5.00	"	50.0		49.8	25-92				
Dimethyl phthalate	33.7	5.00	"	50.0		67.4	49-106				
4,6-Dinitro-2-methylphenol	36.3	5.00	"	50.0		72.6	10-135				
2,4-Dinitrophenol	27.1	5.00	"	50.0		54.1	10-149				
2,4-Dinitrotoluene	32.9	5.00	"	50.0		65.7	41-114				
2,6-Dinitrotoluene	35.0	5.00	"	50.0		69.9	49-106				
Di-n-octyl phthalate	38.6	5.00	"	50.0		77.2	12-149				
Bis(2-ethylhexyl)phthalate	27.6	5.00	"	50.0		55.3	10-171				
Fluoranthene	39.3	5.00	"	50.0		78.5	33-126				
Fluorene	37.8	5.00	"	50.0		75.6	28-117				
Hexachlorobenzene	40.6	5.00	"	50.0		81.2	27-120				
Hexachlorobutadiene	32.9	5.00	"	50.0		65.9	25-106				
Hexachlorocyclopentadiene	7.26	5.00	"	50.0		14.5	10-99				
Hexachloroethane	24.6	5.00	"	50.0		49.2	33-84				
Indeno(1,2,3-cd)pyrene	39.9	5.00	"	50.0		79.8	10-150				
Isophorone	35.0	5.00	"	50.0		69.9	29-115				
2-Methylnaphthalene	32.7	5.00	"	50.0		65.4	33-101				
2-Methylphenol	19.5	5.00	"	50.0		39.0	10-90				
3- & 4-Methylphenols	17.2	5.00	"	50.0		34.3	10-101				
Naphthalene	29.3	5.00	"	50.0		58.7	30-99				
4-Nitroaniline	20.2	5.00	"	50.0		40.5	15-143				

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 BC40710 - EPA 3510C											
LCS (BC40710-BS1)							Prepared & Analyzed: 03/19/2014				
3-Nitroaniline	34.0	5.00	ug/L	50.0		68.0	29-128				
2-Nitroaniline	27.9	5.00	"	50.0		55.7	31-122				
Nitrobenzene	32.4	5.00	"	50.0		64.8	32-113				
4-Nitrophenol	11.8	5.00	"	50.0		23.6	10-112				
2-Nitrophenol	29.0	5.00	"	50.0		57.9	37-97				
N-nitroso-di-n-propylamine	35.2	5.00	"	50.0		70.5	36-118				
N-Nitrosodimethylamine	6.37	5.00	"	50.0		12.7	10-63				
N-Nitrosodiphenylamine	44.5	5.00	"	50.0		88.9	27-145				
Pentachlorophenol	41.2	5.00	"	50.0		82.5	19-127				
Phenanthrene	37.5	5.00	"	50.0		75.0	31-112				
Phenol	8.93	5.00	"	50.0		17.9	10-37				
Pyrene	27.2	5.00	"	50.0		54.4	42-125				
Pyridine	5.03	5.00	"	50.0		10.1	10-46				
1,2,4-Trichlorobenzene	29.6	5.00	"	50.0		59.2	35-91				
2,4,5-Trichlorophenol	30.2	5.00	"	50.0		60.4	36-112				
2,4,6-Trichlorophenol	30.5	5.00	"	50.0		61.0	41-107				
Surrogate: 2-Fluorophenol	*16.3*		*"*	*75.6*		*21.5*	*10-53*				
Surrogate: Phenol-d5	*12.5*		*"*	*75.5*		*16.6*	*10-39*				
Surrogate: Nitrobenzene-d5	*32.4*		*"*	*51.0*		*63.5*	*10-120*				
Surrogate: 2-Fluorobiphenyl	*26.6*		*"*	*50.8*		*52.3*	*10-108*				
Surrogate: 2,4,6-Tribromophenol	*78.8*		*"*	*74.4*		*106*	*10-150*				
Surrogate: Terphenyl-d14	*31.0*		*"*	*50.7*		*61.1*	*10-143*				
LCS Dup (BC40710-BSD1)							Prepared & Analyzed: 03/19/2014				
Acenaphthene	28.9	5.00	ug/L	50.0		57.8	24-114		8.58	20	
Acenaphthylene	28.3	5.00	"	50.0		56.5	26-112		7.98	20	
Aniline	18.2	5.00	"	50.0		36.4	10-107		0.496	20	
Anthracene	34.1	5.00	"	50.0		68.3	35-114		7.72	20	
Benzo(a)anthracene	31.4	5.00	"	50.0		62.8	38-127		3.35	20	
Benzo(a)pyrene	40.6	5.00	"	50.0		81.3	30-146		11.6	20	
Benzo(b)fluoranthene	41.5	5.00	"	50.0		83.0	36-145		4.59	20	
Benzo(g,h,i)perylene	30.6	5.00	"	50.0		61.1	10-163		7.98	20	
Benzo(k)fluoranthene	36.3	5.00	"	50.0		72.6	16-149		1.22	20	
Benzyl alcohol	17.3	5.00	"	50.0		34.6	18-75		4.02	20	
Benzyl butyl phthalate	25.8	5.00	"	50.0		51.6	28-129		0.857	20	
4-Bromophenyl phenyl ether	40.0	5.00	"	50.0		80.0	38-116		5.23	20	
4-Chloro-3-methylphenol	30.4	5.00	"	50.0		60.7	28-101		2.89	20	
4-Chloroaniline	39.2	5.00	"	50.0		78.3	10-154		3.85	20	
Bis(2-chloroethoxy)methane	28.6	5.00	"	50.0		57.2	27-112		4.88	20	
Bis(2-chloroethyl)ether	25.7	5.00	"	50.0		51.4	24-114		1.61	20	
Bis(2-chloroisopropyl)ether	29.2	5.00	"	50.0		58.5	21-124		5.49	20	
2-Chloronaphthalene	25.8	5.00	"	50.0		51.6	40-96		7.28	20	
2-Chlorophenol	22.6	5.00	"	50.0		45.2	35-84		1.71	20	
4-Chlorophenyl phenyl ether	35.4	5.00	"	50.0		70.8	34-112		14.6	20	
Chrysene	29.5	5.00	"	50.0		59.1	33-120		6.11	20	
Dibenzo(a,h)anthracene	37.2	5.00	"	50.0		74.3	10-149		6.73	20	
Dibenzofuran	28.6	5.00	"	50.0		57.2	42-105		9.94	20	
Di-n-butyl phthalate	35.2	5.00	"	50.0		70.4	36-110		8.65	20	
1,4-Dichlorobenzene	25.4	5.00	"	50.0		50.7	42-82		6.08	20	
1,3-Dichlorobenzene	24.2	5.00	"	50.0		48.5	45-80		1.27	20	
1,2-Dichlorobenzene	24.3	5.00	"	50.0		48.7	42-85		7.90	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC40710 - EPA 3510C											
LCS Dup (BC40710-BSD1)								Prepared & Analyzed: 03/19/2014			
3,3'-Dichlorobenzidine	43.8	5.00	ug/L	50.0		87.7	25-155		5.99	20	
2,4-Dichlorophenol	29.4	5.00	"	50.0		58.9	43-92		4.39	20	
Diethyl phthalate	32.8	5.00	"	50.0		65.5	38-112		11.3	20	
2,4-Dimethylphenol	23.0	5.00	"	50.0		46.1	25-92		7.80	20	
Dimethyl phthalate	31.2	5.00	"	50.0		62.3	49-106		7.86	20	
4,6-Dinitro-2-methylphenol	36.2	5.00	"	50.0		72.3	10-135		0.442	20	
2,4-Dinitrophenol	27.3	5.00	"	50.0		54.6	10-149		0.810	20	
2,4-Dinitrotoluene	30.8	5.00	"	50.0		61.6	41-114		6.53	20	
2,6-Dinitrotoluene	32.2	5.00	"	50.0		64.4	49-106		8.19	20	
Di-n-octyl phthalate	34.4	5.00	"	50.0		68.9	12-149		11.4	20	
Bis(2-ethylhexyl)phthalate	26.6	5.00	"	50.0		53.2	10-171		3.80	20	
Fluoranthene	36.3	5.00	"	50.0		72.6	33-126		7.89	20	
Fluorene	32.9	5.00	"	50.0		65.9	28-117		13.7	20	
Hexachlorobenzene	39.1	5.00	"	50.0		78.2	27-120		3.71	20	
Hexachlorobutadiene	32.5	5.00	"	50.0		65.0	25-106		1.31	20	
Hexachlorocyclopentadiene	9.70	5.00	"	50.0		19.4	10-99		28.8	20	Non-dir.
Hexachloroethane	26.6	5.00	"	50.0		53.1	33-84		7.62	20	
Indeno(1,2,3-cd)pyrene	35.9	5.00	"	50.0		71.9	10-150		10.5	20	
Isophorone	32.6	5.00	"	50.0		65.2	29-115		7.05	20	
2-Methylnaphthalene	30.4	5.00	"	50.0		60.9	33-101		7.06	20	
2-Methylphenol	19.4	5.00	"	50.0		38.8	10-90		0.514	20	
3- & 4-Methylphenols	15.9	5.00	"	50.0		31.9	10-101		7.49	20	
Naphthalene	28.3	5.00	"	50.0		56.6	30-99		3.61	20	
4-Nitroaniline	17.5	5.00	"	50.0		34.9	15-143		14.7	20	
3-Nitroaniline	31.8	5.00	"	50.0		63.7	29-128		6.65	20	
2-Nitroaniline	26.2	5.00	"	50.0		52.4	31-122		6.10	20	
Nitrobenzene	32.1	5.00	"	50.0		64.2	32-113		0.868	20	
4-Nitrophenol	10.4	5.00	"	50.0		20.7	10-112		12.9	20	
2-Nitrophenol	28.4	5.00	"	50.0		56.8	37-97		1.92	20	
N-nitroso-di-n-propylamine	31.7	5.00	"	50.0		63.5	36-118		10.5	20	
N-Nitrosodimethylamine	8.94	5.00	"	50.0		17.9	10-63		33.6	20	Non-dir.
N-Nitrosodiphenylamine	41.2	5.00	"	50.0		82.4	27-145		7.64	20	
Pentachlorophenol	35.7	5.00	"	50.0		71.4	19-127		14.5	20	
Phenanthrene	34.2	5.00	"	50.0		68.4	31-112		9.29	20	
Phenol	8.96	5.00	"	50.0		17.9	10-37		0.335	20	
Pyrene	25.6	5.00	"	50.0		51.1	42-125		6.33	20	
Pyridine	4.91	5.00	"	50.0		9.82	10-46	Low Bias	2.41	20	
1,2,4-Trichlorobenzene	28.5	5.00	"	50.0		56.9	35-91		3.82	20	
2,4,5-Trichlorophenol	28.7	5.00	"	50.0		57.3	36-112		5.26	20	
2,4,6-Trichlorophenol	30.2	5.00	"	50.0		60.3	41-107		1.09	20	
Surrogate: 2-Fluorophenol	*16.7*		*"*	*75.6*		*22.1*	*10-53*				
Surrogate: Phenol-d5	*11.8*		*"*	*75.5*		*15.7*	*10-39*				
Surrogate: Nitrobenzene-d5	*30.8*		*"*	*51.0*		*60.5*	*10-120*				
Surrogate: 2-Fluorobiphenyl	*24.2*		*"*	*50.8*		*47.6*	*10-108*				
Surrogate: 2,4,6-Tribromophenol	*72.7*		*"*	*74.4*		*97.7*	*10-150*				
Surrogate: Terphenyl-d14	*29.6*		*"*	*50.7*		*58.3*	*10-143*				

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 BC40695 - EPA 3550C											
Blank (BC40695-BLK1)								Prepared: 03/18/2014 Analyzed: 03/19/2014			
Toxaphene	ND	16.7	ug/kg wet								
Methoxychlor	ND	1.65	"								
Heptachlor epoxide	ND	0.330	"								
Heptachlor	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
Endrin ketone	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Dieldrin	ND	0.330	"								
delta-BHC	ND	0.330	"								
Chlordane, total	ND	1.32	"								
beta-BHC	ND	0.330	"								
alpha-BHC	ND	0.330	"								
Aldrin	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
4,4'-DDE	ND	0.330	"								
4,4'-DDD	ND	0.330	"								
Aroclor 1260	ND	17.0	"								
Aroclor 1254	ND	17.0	"								
Aroclor 1248	ND	17.0	"								
Aroclor 1242	ND	17.0	"								
Aroclor 1232	ND	17.0	"								
Aroclor 1221	ND	17.0	"								
Aroclor 1016	ND	17.0	"								
Total PCBs	ND	17.0	"								
Surrogate: Tetrachloro-m-xylene	*57.6*		*"*	*67.7*		*85.1*	*30-140*				
Surrogate: Decachlorobiphenyl	*54.9*		*"*	*71.7*		*76.7*	*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 BC40695 - EPA 3550C											
LCS (BC40695-BS1)								Prepared: 03/18/2014 Analyzed: 03/19/2014			
Methoxychlor	23.6	1.65	ug/kg wet	33.3		70.9	40-140				
Heptachlor epoxide	26.3	0.330	"	33.3		78.8	40-140				
Heptachlor	25.3	0.330	"	33.3		75.9	40-140				
gamma-BHC (Lindane)	26.5	0.330	"	33.3		79.5	40-140				
Endrin ketone	29.0	0.330	"	33.3		86.9	40-140				
Endrin aldehyde	23.8	0.330	"	33.3		71.3	40-140				
Endrin	25.2	0.330	"	33.3		75.6	40-140				
Endosulfan sulfate	29.1	0.330	"	33.3		87.4	40-140				
Endosulfan II	26.9	0.330	"	33.3		80.7	40-140				
Endosulfan I	28.6	0.330	"	33.3		86.0	40-140				
Dieldrin	28.4	0.330	"	33.3		85.1	40-140				
delta-BHC	25.4	0.330	"	33.3		76.1	40-140				
beta-BHC	27.6	0.330	"	33.3		82.7	40-140				
alpha-BHC	27.6	0.330	"	33.3		82.9	40-140				
Aldrin	24.3	0.330	"	33.3		72.9	40-140				
4,4'-DDT	30.6	0.330	"	33.3		91.9	40-140				
4,4'-DDE	28.4	0.330	"	33.3		85.1	40-140				
4,4'-DDD	29.3	0.330	"	33.3		87.9	40-140				
Surrogate: Tetrachloro-m-xylene	*52.8*		*"*	*67.7*		*78.1*	*30-140*				
Surrogate: Decachlorobiphenyl	*51.2*		*"*	*71.7*		*71.4*	*30-140*				
LCS (BC40695-BS2)								Prepared: 03/18/2014 Analyzed: 03/19/2014			
Aroclor 1260	242	17.0	ug/kg wet	333		72.7	40-130				
Aroclor 1016	291	17.0	"	333		87.3	40-130				
Surrogate: Tetrachloro-m-xylene	*40.7*		*"*	*67.7*		*60.1*	*30-140*				
Surrogate: Decachlorobiphenyl	*34.0*		*"*	*71.7*		*47.4*	*30-140*				
LCS Dup (BC40695-BSD1)								Prepared: 03/18/2014 Analyzed: 03/19/2014			
Methoxychlor	24.3	1.65	ug/kg wet	33.3		72.8	40-140		2.66	30	
Heptachlor epoxide	26.9	0.330	"	33.3		80.7	40-140		2.42	30	
Heptachlor	26.6	0.330	"	33.3		79.7	40-140		4.89	30	
gamma-BHC (Lindane)	27.7	0.330	"	33.3		83.0	40-140		4.21	30	
Endrin ketone	29.2	0.330	"	33.3		87.7	40-140		0.908	30	
Endrin aldehyde	24.6	0.330	"	33.3		73.7	40-140		3.22	30	
Endrin	25.6	0.330	"	33.3		76.8	40-140		1.61	30	
Endosulfan sulfate	30.2	0.330	"	33.3		90.7	40-140		3.77	30	
Endosulfan II	27.4	0.330	"	33.3		82.1	40-140		1.67	30	
Endosulfan I	29.6	0.330	"	33.3		88.9	40-140		3.38	30	
Dieldrin	29.1	0.330	"	33.3		87.4	40-140		2.66	30	
delta-BHC	27.5	0.330	"	33.3		82.5	40-140		8.11	30	
beta-BHC	29.4	0.330	"	33.3		88.3	40-140		6.60	30	
alpha-BHC	29.2	0.330	"	33.3		87.6	40-140		5.43	30	
Aldrin	26.6	0.330	"	33.3		79.9	40-140		9.16	30	
4,4'-DDT	30.4	0.330	"	33.3		91.2	40-140		0.718	30	
4,4'-DDE	28.2	0.330	"	33.3		84.6	40-140		0.586	30	
4,4'-DDD	29.2	0.330	"	33.3		87.6	40-140		0.300	30	
Surrogate: Tetrachloro-m-xylene	*45.5*		*"*	*67.7*		*67.2*	*30-140*				
Surrogate: Decachlorobiphenyl	*40.4*		*"*	*71.7*		*56.4*	*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 BC40695 - EPA 3550C											
Matrix Spike (BC40695-MS1)	*Source sample: 14C0568-01 (SP-1 (0'-2'))						Prepared: 03/18/2014 Analyzed: 03/19/2014				
Methoxychlor	30.3	9.04	ug/kg dry	36.5	ND	83.0	30-150				
Heptachlor epoxide	35.8	1.81	"	36.5	ND	98.0	30-150				
Heptachlor	37.5	1.81	"	36.5	ND	103	30-150				
gamma-BHC (Lindane)	37.3	1.81	"	36.5	ND	102	30-150				
Endrin ketone	32.2	1.81	"	36.5	ND	88.1	30-150				
Endrin aldehyde	26.2	1.81	"	36.5	ND	71.6	30-150				
Endrin	31.2	1.81	"	36.5	ND	85.5	30-150				
Endosulfan sulfate	28.9	1.81	"	36.5	ND	79.1	30-150				
Endosulfan II	29.4	1.81	"	36.5	ND	80.4	30-150				
Endosulfan I	32.6	1.81	"	36.5	ND	89.3	30-150				
Dieldrin	32.5	1.81	"	36.5	ND	88.8	30-150				
delta-BHC	36.2	1.81	"	36.5	ND	99.2	30-150				
beta-BHC	41.8	1.81	"	36.5	ND	114	30-150				
alpha-BHC	36.8	1.81	"	36.5	ND	101	30-150				
Aldrin	35.4	1.81	"	36.5	ND	96.9	30-150				
4,4'-DDT	30.2	1.81	"	36.5	ND	82.6	30-150				
4,4'-DDE	32.3	1.81	"	36.5	ND	88.5	30-150				
4,4'-DDD	32.2	1.81	"	36.5	ND	88.2	30-150				
Surrogate: Tetrachloro-m-xylene	*77.2*		*"*	*74.2*		*104*	*30-140*				
Surrogate: Decachlorobiphenyl	*57.0*		*"*	*78.6*		*72.6*	*30-140*				
Batch BC40708 - EPA SW846-3510C Low Level											
Blank (BC40708-BLK1)							Prepared: 03/19/2014 Analyzed: 03/20/2014				
Toxaphene	ND	0.0500	ug/L								
Methoxychlor	ND	0.00500	"								
Heptachlor epoxide	ND	0.00100	"								
Heptachlor	ND	0.00100	"								
gamma-BHC (Lindane)	ND	0.00100	"								
Endrin ketone	ND	0.00100	"								
Endrin aldehyde	ND	0.00100	"								
Endrin	ND	0.00100	"								
Endosulfan sulfate	ND	0.00100	"								
Endosulfan II	ND	0.00100	"								
Endosulfan I	ND	0.00100	"								
Dieldrin	ND	0.00100	"								
delta-BHC	ND	0.00100	"								
Chlordane, total	ND	0.00400	"								
beta-BHC	ND	0.00100	"								
alpha-BHC	ND	0.00100	"								
Aldrin	ND	0.00100	"								
4,4'-DDT	ND	0.00100	"								
4,4'-DDE	ND	0.00100	"								
4,4'-DDD	ND	0.00100	"								
Aroclor 1260	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1221	ND	0.0500	"								
Aroclor 1016	ND	0.0500	"								
Total PCBs	ND	0.0500	"								

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 BC40708 - EPA SW846-3510C Low Level											
Blank (BC40708-BLK1)								Prepared: 03/19/2014 Analyzed: 03/20/2014			
Surrogate: Tetrachloro-m-xylene	*0.0958*		*ug/L*	*0.203*		*47.2*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.126*		*"*	*0.215*		*58.4*	*30-120*				
LCS (BC40708-BS1)								Prepared: 03/19/2014 Analyzed: 03/20/2014			
Methoxychlor	0.0567	0.00500	ug/L	0.100		56.7	40-120				
Heptachlor epoxide	0.0531	0.00100	"	0.100		53.1	40-120				
Heptachlor	0.0481	0.00100	"	0.100		48.1	40-120				
gamma-BHC (Lindane)	0.0487	0.00100	"	0.100		48.7	40-120				
Endrin ketone	0.0602	0.00100	"	0.100		60.2	40-120				
Endrin aldehyde	0.0578	0.00100	"	0.100		57.8	40-120				
Endrin	0.0571	0.00100	"	0.100		57.1	40-120				
Endosulfan sulfate	0.0549	0.00100	"	0.100		54.9	40-120				
Endosulfan II	0.0580	0.00100	"	0.100		58.0	40-120				
Endosulfan I	0.0553	0.00100	"	0.100		55.3	40-120				
Dieldrin	0.0572	0.00100	"	0.100		57.2	40-120				
delta-BHC	0.0382	0.00100	"	0.100		38.2	40-120	Low Bias			
beta-BHC	0.0542	0.00100	"	0.100		54.2	40-120				
alpha-BHC	0.0478	0.00100	"	0.100		47.8	40-120				
Aldrin	0.0425	0.00100	"	0.100		42.5	40-120				
4,4'-DDT	0.0726	0.00100	"	0.100		72.6	40-120				
4,4'-DDE	0.0571	0.00100	"	0.100		57.1	40-120				
4,4'-DDD	0.0613	0.00100	"	0.100		61.3	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0904*		*"*	*0.203*		*44.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.109*		*"*	*0.215*		*50.8*	*30-120*				
LCS (BC40708-BS2)								Prepared: 03/19/2014 Analyzed: 03/20/2014			
Aroclor 1260	0.939	0.0500	ug/L	1.00		93.9	40-120				
Aroclor 1016	0.906	0.0500	"	1.00		90.6	40-120				
Surrogate: Tetrachloro-m-xylene	*0.107*		*"*	*0.203*		*52.7*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.147*		*"*	*0.215*		*68.4*	*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 BC40708 - EPA SW846-3510C Low Level											
LCS Dup (BC40708-BSD1)								Prepared: 03/19/2014 Analyzed: 03/20/2014			
Methoxychlor	0.0609	0.00500	ug/L	0.100		60.9	40-120		7.09	30	
Heptachlor epoxide	0.0489	0.00100	"	0.100		48.9	40-120		8.34	30	
Heptachlor	0.0440	0.00100	"	0.100		44.0	40-120		8.83	30	
gamma-BHC (Lindane)	0.0444	0.00100	"	0.100		44.4	40-120		9.31	30	
Endrin ketone	0.0573	0.00100	"	0.100		57.3	40-120		5.00	30	
Endrin aldehyde	0.0552	0.00100	"	0.100		55.2	40-120		4.64	30	
Endrin	0.0528	0.00100	"	0.100		52.8	40-120		7.90	30	
Endosulfan sulfate	0.0518	0.00100	"	0.100		51.8	40-120		5.70	30	
Endosulfan II	0.0543	0.00100	"	0.100		54.3	40-120		6.59	30	
Endosulfan I	0.0506	0.00100	"	0.100		50.6	40-120		9.01	30	
Dieldrin	0.0528	0.00100	"	0.100		52.8	40-120		7.98	30	
delta-BHC	0.0348	0.00100	"	0.100		34.8	40-120	Low Bias	9.16	30	
beta-BHC	0.0524	0.00100	"	0.100		52.4	40-120		3.56	30	
alpha-BHC	0.0436	0.00100	"	0.100		43.6	40-120		9.18	30	
Aldrin	0.0370	0.00100	"	0.100		37.0	40-120	Low Bias	13.9	30	
4,4'-DDT	0.0690	0.00100	"	0.100		69.0	40-120		5.09	30	
4,4'-DDE	0.0526	0.00100	"	0.100		52.6	40-120		8.31	30	
4,4'-DDD	0.0566	0.00100	"	0.100		56.6	40-120		7.96	30	
Surrogate: Tetrachloro-m-xylene	*0.0830*		*"*	*0.203*		*40.9*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.112*		*"*	*0.215*		*52.1*	*30-120*				
LCS Dup (BC40708-BSD2)								Prepared: 03/19/2014 Analyzed: 03/20/2014			
Aroclor 1260	0.947	0.0500	ug/L	1.00		94.7	40-120		0.827	30	
Aroclor 1016	0.843	0.0500	"	1.00		84.3	40-120		7.20	30	
Surrogate: Tetrachloro-m-xylene	*0.101*		*"*	*0.203*		*49.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.151*		*"*	*0.215*		*70.2*	*30-120*				

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 BC40743 - EPA 3010A											
Blank (BC40743-BLK1)								Prepared & Analyzed: 03/19/2014			
Aluminum	ND	0.010	mg/L								
Antimony	ND	0.005	"								
Arsenic	ND	0.004	"								
Barium	ND	0.010	"								
Beryllium	ND	0.001	"								
Cadmium	ND	0.003	"								
Calcium	ND	0.050	"								
Chromium	ND	0.005	"								
Cobalt	ND	0.005	"								
Copper	ND	0.003	"								
Iron	ND	0.020	"								
Lead	ND	0.003	"								
Magnesium	ND	0.050	"								
Manganese	ND	0.005	"								
Nickel	ND	0.005	"								
Potassium	ND	0.050	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								
Sodium	ND	0.100	"								
Thallium	ND	0.005	"								
Vanadium	ND	0.010	"								
Zinc	ND	0.010	"								
Reference (BC40743-SRM1)								Prepared & Analyzed: 03/19/2014			
Aluminum	0.437	0.010	mg/L	0.419		104	75.9-124				
Antimony	0.407	0.005	"	0.435		93.6	69.4-121				
Arsenic	0.305	0.004	"	0.341		89.6	83.3-118				
Barium	1.19	0.010	"	1.18		101	86.4-113				
Beryllium	0.069	0.001	"	0.0749		92.5	83.3-113				
Cadmium	0.079	0.003	"	0.0854		93.0	84.4-115				
Chromium	0.633	0.005	"	0.644		98.2	87.1-113				
Cobalt	0.356	0.005	"	0.351		102	87.7-112				
Copper	0.492	0.003	"	0.521		94.5	90-110				
Iron	1.51	0.020	"	1.44		105	88.2-113				
Lead	0.501	0.003	"	0.517		96.9	87-113				
Manganese	1.71	0.005	"	1.73		99.0	90.2-111				
Nickel	1.44	0.005	"	1.52		94.8	90.1-112				
Selenium	0.323	0.010	"	0.362		89.2	78.7-116				
Silver	0.187	0.005	"	0.210		89.0	85.7-115				
Thallium	0.346	0.005	"	0.358		96.6	77.9-122				
Vanadium	1.39	0.010	"	1.51		92.3	87.4-112				
Zinc	1.65	0.010	"	1.69		97.4	85.8-114				

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 BC40743 - EPA 3010A											
Reference (BC40743-SRM2)								Prepared & Analyzed: 03/19/2014			
Calcium	65.3	0.050	mg/L	62.7		104	86-114				
Magnesium	29.4	0.050	"	29.0		101	86.2-114				
Potassium	34.9	0.050	"	32.4		108	85.2-115				
Sodium	87.8	0.100	"	85.1		103	85-115				
Batch BC40745 - EPA 3050B											
Blank (BC40745-BLK1)								Prepared & Analyzed: 03/19/2014			
Aluminum	ND	1.00	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	"								

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 BC40745 - EPA 3050B											
Duplicate (BC40745-DUP1)	*Source sample: 14C0568-02 (SP-1 (13'-15'))							Prepared & Analyzed: 03/19/2014			
Aluminum	8690	1.20	mg/kg dry		8650				0.491	35	
Antimony	ND	0.600	"		ND					35	
Arsenic	2.40	1.20	"		2.26				5.78	35	
Barium	267	1.20	"		265				0.602	35	
Beryllium	ND	0.120	"		ND					35	
Cadmium	ND	0.360	"		ND					35	
Calcium	2110	6.00	"		2090				0.704	35	
Chromium	13.2	0.600	"		13.2				0.433	35	
Cobalt	6.03	0.600	"		5.98				0.914	35	
Copper	14.1	0.600	"		14.1				0.0553	35	
Iron	17100	2.40	"		16900				1.03	35	
Lead	6.75	0.360	"		6.99				3.50	35	
Magnesium	2940	6.00	"		2910				0.755	35	
Manganese	994	0.600	"		987				0.648	35	
Nickel	14.7	0.600	"		14.2				3.37	35	
Potassium	808	6.00	"		801				0.826	35	
Selenium	1.55	1.20	"		1.68				8.14	35	
Silver	ND	0.600	"		ND					35	
Sodium	260	12.0	"		262				0.890	35	
Thallium	ND	1.20	"		ND					35	
Vanadium	12.6	1.20	"		12.5				0.768	35	
Zinc	43.5	1.20	"		43.3				0.464	35	
Matrix Spike (BC40745-MS1)	*Source sample: 14C0568-02 (SP-1 (13'-15'))							Prepared & Analyzed: 03/19/2014			
Aluminum	8940	1.20	mg/kg dry	240	8650	120	75-125				
Antimony	29.7	0.600	"	30.0	ND	98.9	75-125				
Arsenic	235	1.20	"	240	2.26	97.1	75-125				
Barium	500	1.20	"	240	265	98.1	75-125				
Beryllium	6.04	0.120	"	6.00	ND	101	75-125				
Cadmium	5.87	0.360	"	6.00	ND	97.8	75-125				
Chromium	38.4	0.600	"	24.0	13.2	105	75-125				
Cobalt	67.9	0.600	"	60.0	5.98	103	75-125				
Copper	45.7	0.600	"	30.0	14.1	105	75-125				
Iron	17200	2.40	"	120	16900	251	75-125	High Bias			
Lead	65.9	0.360	"	60.0	6.99	98.2	75-125				
Magnesium	2950	6.00	"		2910		75-125				
Manganese	1050	0.600	"	60.0	987	108	75-125				
Nickel	76.2	0.600	"	60.0	14.2	103	75-125				
Potassium	810	6.00	"		801		75-125				
Silver	4.74	0.600	"	6.00	ND	79.0	75-125				
Sodium	259	12.0	"		262		75-125				
Thallium	231	1.20	"	240	ND	96.1	75-125				
Vanadium	69.3	1.20	"	60.0	12.5	94.7	75-125				
Zinc	105	1.20	"	60.0	43.3	103	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC40745 - EPA 3050B											
Reference (BC40745-SRM1)								Prepared & Analyzed: 03/19/2014			
Aluminum	9170	1.00	mg/kg wet	8840		104	42-158				
Antimony	83.2	0.500	"	88.2		94.3	26.3-289				
Arsenic	92.1	1.00	"	99.6		92.5	69.3-131				
Barium	292	1.00	"	310		94.2	74.2-126				
Beryllium	65.9	0.100	"	72.3		91.2	73.8-126				
Cadmium	160	0.300	"	182		87.9	73.6-126				
Calcium	6150	5.00	"	6790		90.5	74.2-126				
Chromium	127	0.500	"	136		93.1	70.4-130				
Cobalt	120	0.500	"	128		93.5	74.1-125				
Copper	101	0.500	"	102		99.1	74.3-126				
Iron	11800	2.00	"	12600		93.6	31-168				
Lead	101	0.300	"	115		87.6	72.1-129				
Magnesium	2890	5.00	"	3010		96.1	66.1-134				
Manganese	300	0.500	"	323		92.8	74.9-125				
Nickel	151	0.500	"	153		98.5	73.2-126				
Potassium	2810	5.00	"	2840		99.1	62-138				
Selenium	140	1.00	"	150		93.5	67.3-133				
Silver	34.6	0.500	"	40.4		85.7	65.8-134				
Sodium	3050	10.0	"	2760		110	65.9-134				
Thallium	154	1.00	"	174		88.5	69-132				
Vanadium	90.1	1.00	"	97.6		92.3	65.2-135				
Zinc	145	1.00	"	161		90.3	68.3-132				

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 BC40732 - EPA 7473 soil											
Blank (BC40732-BLK1)								Prepared & Analyzed: 03/19/2014			
Mercury	ND	0.0300	mg/kg wet								
Reference (BC40732-SRM1)								Prepared & Analyzed: 03/19/2014			
Mercury	3.47		mg/kg	3.73		92.9	68.6-131				
Batch BC40772 - EPA 7473 water											
Blank (BC40772-BLK1)								Prepared & Analyzed: 03/20/2014			
Mercury	ND	0.00020	mg/L								
Reference (BC40772-SRM1)								Prepared & Analyzed: 03/20/2014			
Mercury	0.00191		mg/kg	0.00230		82.9	61.3-135				

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 BC40706 - Analysis Preparation											
Blank (BC40706-BLK1)								Prepared & Analyzed: 03/19/2014			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BC40706-BS1)								Prepared & Analyzed: 03/19/2014			
Chromium, Hexavalent	0.533	0.0100	mg/L	0.500		107	80-120				
Batch BC40863 - EPA SW846-3060											
Blank (BC40863-BLK1)								Prepared: 03/21/2014 Analyzed: 03/24/2014			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BC40863-SRM1)								Prepared: 03/21/2014 Analyzed: 03/24/2014			
Chromium, Hexavalent	99.6		mg/L	125		79.7	20.2-180				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14C0568-01	SP-1 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14C0568-02	SP-1 (13'-15')	40mL Vial with Stir Bar-Cool 4° C
14C0568-03	SP-4 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14C0568-04	SP-4 (13'-15')	40mL Vial with Stir Bar-Cool 4° C
14C0568-05	SP-5 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14C0568-06	SP-5 (12'-14')	40mL Vial with Stir Bar-Cool 4° C
14C0568-08	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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-LSRD	Original sample conc <50 X reporting limit.
M-HCSpk	Sample conc. >10 X spike conc.
M-CCVO	CCV Out. Samples bracketed by acceptable CCVs.
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.
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
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.

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*	Analyte is not certified or the state (NY) does not offer certification for the Analyte.
ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
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 MDL, with values between the MDL and the RL being "J" flagged as estimated results.

Corrective Action: Client did not submit Trip Blank vials as indicated on Chain-of-Custody

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. 14C0568

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: Hydro Tech Env. Corp.	Company:	Company: SAME	140051-346 W 40th St, New York, NY	RUSH - Same Day ☐	Summary Report ____
Address: 15 Ocean Avenue, 2nd Floor, Brooklyn, NY	Address:	Address: 77 Arkay Dr., Ste G, Hauppauge, NY 11788	**Purchase Order No.** 5863	RUSH - Next Day ☐	Summary w/ QA Summary ____
Phone No. 718-636-0800	Phone No.	Phone No. 631-462-5866		RUSH - Two Day ☐	CT RCP Package ____
Contact Person: Paul Matli	Attention:	Attention: Muslima Ward		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg ____
E-Mail Address: pmatli@htecorp.info	E-Mail Address:	E-Mail Address: muward@htecorp.info	Samples from: CT___ NY X NJ___	RUSH - Four Day ☐	NY ASP A Package ____
				Standard(5-7 Days) X	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 X
					Compare to the following Regs. (please fill in): Part 375 Unrestricted & Commercial Use SCOs.

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)

Ezgi Karayel

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	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)
SP-1 (0'-2')	3/17/14	S	8260, 8270, 8081/8082, TAL Metals, Chromiums	1-8oz Jar, 1 terra core kit
SP-1 (13'-15')	↓	↓	↓	↓
SP-4 (0'-2')				
SP-4 (13'-15')				
SP-5 (0'-2')				
SP-5 (12'-14')				
Trip Blank		DIW	8260	2-40ml vials
Field Blank	↓	DI W	8260, 8270, 8081/8082, TAL Metals & chromiums	2-40ml vials, 2 ambers, 2 plastics

Comments

"E"-designation Project.

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	Samples Received By	Date/Time
Muslima Ward	3/18/14 1155 Am	K Barker	3/18/14 1155 Am
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		J Gale	3/18/14-1740

Temperature on Receipt 3.6 °C

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Paul Matli

Report Date: 03/25/2014
Client Project ID: 140048-346 W 40th Street, New York
York Project (SDG) No.: 14C0617

Report Date: 03/25/2014
Client Project ID: 140048-346 W 40th Street, New York
York Project (SDG) No.: 14C0617

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Paul Matli

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 March 19, 2014 and listed below. The project was identified as your project: **140048-346 W 40th Street, New York**.

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
14C0617-01	SP-3 (0'-2')	Soil	03/18/2014	03/19/2014
14C0617-02	SP-3 (13'-15')	Soil	03/18/2014	03/19/2014
14C0617-03	SP-6 (0'-2')	Soil	03/18/2014	03/19/2014
14C0617-04	SP-6 (13'-15')	Soil	03/18/2014	03/19/2014
14C0617-05	SP-2 (0'-2')	Soil	03/18/2014	03/19/2014
14C0617-06	SP-2 (13'-15')	Soil	03/18/2014	03/19/2014
14C0617-07	Field blank	Water	03/18/2014	03/19/2014

General Notes for York Project (SDG) No.: 14C0617

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: 03/25/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **SP-3 (0'-2')** **York Sample ID:** **14C0617-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	100	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
67-64-1	Acetone	ND		ug/kg dry	2.5	10	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS

Sample Information

Client Sample ID: **SP-3 (0'-2')** **York Sample ID:** **14C0617-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
75-09-2	**Methylene chloride**	**5.0**	J	ug/kg dry	2.5	10	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.5	10	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
179601-23-1	**p- & m- Xylenes**	**5.2**	J	ug/kg dry	5.0	10	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
108-88-3	**Toluene**	**2.8**	J	ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.6	15	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C	03/24/2014 16:09	03/25/2014 08:31	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*107 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*110 %*	*90-112*

Sample Information

Client Sample ID: **SP-3 (0'-2')** **York Sample ID:** **14C0617-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
62-53-3	Aniline	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
120-12-7	Anthracene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	92.9	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	92.9	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	92.9	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	92.9	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
218-01-9	Chrysene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	185	368	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	92.9	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.9	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	185	369	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	92.9	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR

Sample Information

Client Sample ID: **SP-3 (0'-2')** **York Sample ID:** **14C0617-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
206-44-0	Fluoranthene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
86-73-7	Fluorene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	92.9	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
78-59-1	Isophorone	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	92.9	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	92.9	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
91-20-3	Naphthalene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.9	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.9	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.9	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	92.9	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	92.9	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
85-01-8	Phenanthrene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
108-95-2	Phenol	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
129-00-0	Pyrene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
110-86-1	Pyridine	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.4	184	1	EPA 8270D	03/20/2014 11:15	03/20/2014 12:06	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*16.5 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*11.2 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*50.5 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*43.9 %*	*10-126*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*71.7 %*	*10-150*

Sample Information

Client Sample ID: SP-3 (0'-2')

York Sample ID: 14C0617-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	*Surrogate: Terphenyl-d14*	*93.6 %*			*10-137*						

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	92.3	92.3	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:16	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.12	9.12	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:16	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:16	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:16	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:16	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:16	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:16	JW
72-20-8	Endrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:16	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:16	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:16	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:16	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:16	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:16	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.30	7.30	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:16	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:16	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:16	JW
309-00-2	Aldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:16	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:16	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:16	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:16	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 20:36	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 20:36	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 20:36	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 20:36	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 20:36	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 20:36	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 20:36	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.52	18.8	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 20:36	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.2 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.0 %*	*30-140*

Sample Information

Client Sample ID: **SP-3 (0'-2')** **York Sample ID:** **14C0617-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8170**		mg/kg dry	1.11	1.11	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7440-36-0	Antimony	ND		mg/kg dry	0.553	0.553	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7440-38-2	**Arsenic**	**4.98**		mg/kg dry	1.11	1.11	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7440-39-3	**Barium**	**99.7**		mg/kg dry	1.11	1.11	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.332	0.332	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7440-70-2	**Calcium**	**2290**		mg/kg dry	0.553	5.53	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7440-47-3	**Chromium**	**12.4**		mg/kg dry	0.553	0.553	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7440-48-4	**Cobalt**	**6.16**		mg/kg dry	0.553	0.553	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7440-50-8	**Copper**	**21.8**		mg/kg dry	0.553	0.553	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7439-89-6	**Iron**	**17700**		mg/kg dry	2.21	2.21	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7439-92-1	**Lead**	**70.6**		mg/kg dry	0.332	0.332	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7439-95-4	**Magnesium**	**2340**		mg/kg dry	5.53	5.53	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7439-96-5	**Manganese**	**406**		mg/kg dry	0.553	0.553	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7440-02-0	**Nickel**	**15.7**		mg/kg dry	0.553	0.553	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7440-09-7	**Potassium**	**976**		mg/kg dry	5.53	5.53	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7782-49-2	Selenium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7440-22-4	Silver	ND		mg/kg dry	0.553	0.553	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7440-23-5	**Sodium**	**504**		mg/kg dry	11.1	11.1	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7440-62-2	**Vanadium**	**16.5**		mg/kg dry	1.11	1.11	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW
7440-66-6	**Zinc**	**90.5**		mg/kg dry	1.11	1.11	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:16	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0365	0.0365	1	EPA 7471B	03/25/2014 10:12	03/25/2014 14:55	AA

Sample Information

Client Sample ID: **SP-3 (0'-2')** **York Sample ID:** **14C0617-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.4**		%	0.100	0.100	1	SM 2540G	03/20/2014 12:59	03/21/2014 07:54	ALD

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.387	0.553	1	EPA 7196A	03/25/2014 07:35	03/25/2014 14:44	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**12.4**		mg/kg	0.250	0.500	1	Calculation	03/25/2014 14:47	03/25/2014 14:53	SC

Sample Information

Client Sample ID: **SP-3 (13'-15')** **York Sample ID:** **14C0617-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
95-63-6	**1,2,4-Trimethylbenzene**	**3700**		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS

Sample Information

Client Sample ID: **SP-3 (13'-15')** **York Sample ID:** **14C0617-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
108-67-8	**1,3,5-Trimethylbenzene**	**1300**		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	4800	9600	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
78-93-3	2-Butanone	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
67-64-1	Acetone	ND		ug/kg dry	240	960	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
71-43-2	**Benzene**	**250**	J	ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
108-86-1	Bromobenzene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
75-25-2	Bromoform	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
74-83-9	Bromomethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
75-00-3	Chloroethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
67-66-3	Chloroform	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
74-87-3	Chloromethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
74-95-3	Dibromomethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
100-41-4	**Ethyl Benzene**	**1800**		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
75-09-2	Methylene chloride	ND		ug/kg dry	240	960	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
91-20-3	**Naphthalene**	**1100**	B	ug/kg dry	240	960	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS

Sample Information

Client Sample ID: **SP-3 (13'-15')** **York Sample ID:** **14C0617-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	**n-Butylbenzene**	**360**	J	ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
103-65-1	**n-Propylbenzene**	**650**		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
95-47-6	**o-Xylene**	**1800**		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
179601-23-1	**p- & m- Xylenes**	**6700**		ug/kg dry	480	960	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
100-42-5	Styrene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
108-88-3	**Toluene**	**680**		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
1330-20-7	**Xylenes, Total**	**8600**		ug/kg dry	720	1400	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	240	480	100	EPA 8260C	03/25/2014 10:22	03/25/2014 13:49	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*71.9 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.2 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*92.8 %*	*90-112*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
62-53-3	Aniline	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
120-12-7	Anthracene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	98.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	98.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR

Sample Information

Client Sample ID: **SP-3 (13'-15')** **York Sample ID:** **14C0617-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	98.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	98.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
218-01-9	Chrysene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	195	389	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	98.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	98.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	195	389	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	98.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
206-44-0	Fluoranthene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
86-73-7	Fluorene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	98.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
78-59-1	Isophorone	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
91-57-6	**2-Methylnaphthalene**	**196**		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	98.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR

Sample Information

Client Sample ID: **SP-3 (13'-15')** **York Sample ID:** **14C0617-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	98.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
91-20-3	Naphthalene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	98.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	98.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	98.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	98.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	98.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
85-01-8	**Phenanthrene**	**92.6**	J	ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
108-95-2	Phenol	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
129-00-0	Pyrene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
110-86-1	Pyridine	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.0	195	1	EPA 8270D	03/20/2014 11:15	03/20/2014 15:32	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*63.9 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*66.3 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*65.6 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*64.0 %*	*10-126*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*90.6 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*81.9 %*	*10-137*

Sample Information

Client Sample ID: **SP-3 (13'-15')** **York Sample ID:** **14C0617-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	97.5	97.5	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:32	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.63	9.63	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:32	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:32	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:32	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:32	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:32	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:32	JW
72-20-8	Endrin	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:32	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:32	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:32	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:32	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:32	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:32	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.70	7.70	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:32	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:32	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:32	JW
309-00-2	Aldrin	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:32	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:32	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:32	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.93	1.93	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:32	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.8	19.8	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:14	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.8	19.8	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:14	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.8	19.8	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:14	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.8	19.8	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:14	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.8	19.8	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:14	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.8	19.8	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:14	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.8	19.8	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:14	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.94	19.8	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:14	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.4 %*	*30-140*

Sample Information

Client Sample ID: **SP-3 (13'-15')** **York Sample ID:** **14C0617-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5130**		mg/kg dry	1.17	1.17	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7440-36-0	Antimony	ND		mg/kg dry	0.584	0.584	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7440-38-2	**Arsenic**	**2.52**		mg/kg dry	1.17	1.17	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7440-39-3	**Barium**	**117**		mg/kg dry	1.17	1.17	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.117	0.117	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.350	0.350	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7440-70-2	**Calcium**	**1690**		mg/kg dry	0.584	5.84	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7440-47-3	**Chromium**	**20.5**		mg/kg dry	0.584	0.584	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7440-48-4	**Cobalt**	**4.25**		mg/kg dry	0.584	0.584	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7440-50-8	**Copper**	**7.56**		mg/kg dry	0.584	0.584	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7439-89-6	**Iron**	**8740**		mg/kg dry	2.33	2.33	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7439-92-1	**Lead**	**3.20**		mg/kg dry	0.350	0.350	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7439-95-4	**Magnesium**	**2090**		mg/kg dry	5.84	5.84	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7439-96-5	**Manganese**	**90.4**		mg/kg dry	0.584	0.584	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7440-02-0	**Nickel**	**11.5**		mg/kg dry	0.584	0.584	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7440-09-7	**Potassium**	**920**		mg/kg dry	5.84	5.84	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7782-49-2	Selenium	ND		mg/kg dry	1.17	1.17	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7440-22-4	Silver	ND		mg/kg dry	0.584	0.584	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7440-23-5	**Sodium**	**94.2**		mg/kg dry	11.7	11.7	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7440-28-0	Thallium	ND		mg/kg dry	1.17	1.17	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7440-62-2	**Vanadium**	**10.3**		mg/kg dry	1.17	1.17	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW
7440-66-6	**Zinc**	**26.7**		mg/kg dry	1.17	1.17	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:21	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0385	0.0385	1	EPA 7471B	03/25/2014 10:12	03/25/2014 14:55	AA

Sample Information

Client Sample ID: **SP-3 (13'-15')** **York Sample ID:** **14C0617-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.7**		%	0.100	0.100	1	SM 2540G	03/20/2014 12:59	03/21/2014 07:54	ALD

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.408	0.584	1	EPA 7196A	03/25/2014 07:35	03/25/2014 14:44	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**20.5**		mg/kg	0.250	0.500	1	Calculation	03/25/2014 14:47	03/25/2014 14:53	SC

Sample Information

Client Sample ID: **SP-6 (0'-2')** **York Sample ID:** **14C0617-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS

Sample Information

Client Sample ID: **SP-6 (0'-2')** **York Sample ID:** **14C0617-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	64	130	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
67-64-1	**Acetone**	**9.4**	J, B	ug/kg dry	3.2	13	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
71-43-2	Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
108-86-1	Bromobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
75-25-2	Bromoform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
67-66-3	Chloroform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
75-09-2	**Methylene chloride**	**6.2**	J	ug/kg dry	3.2	13	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
91-20-3	Naphthalene	ND		ug/kg dry	3.2	13	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS

Sample Information

Client Sample ID: **SP-6 (0'-2')** **York Sample ID:** **14C0617-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.4	13	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
100-42-5	Styrene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
108-88-3	Toluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.6	19	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:05	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*90-112*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
62-53-3	Aniline	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
120-12-7	**Anthracene**	**60.5**	J	ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
56-55-3	**Benzo(a)anthracene**	**148**	J	ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
50-32-8	**Benzo(a)pyrene**	**144**	J	ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
205-99-2	**Benzo(b)fluoranthene**	**114**	J	ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	94.7	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
207-08-9	**Benzo(k)fluoranthene**	**136**	J	ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	94.7	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR

Sample Information

Client Sample ID: **SP-6 (0'-2')** **York Sample ID:** **14C0617-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	94.7	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	94.7	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
218-01-9	**Chrysene**	**145**	J	ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	188	376	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	94.7	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	94.7	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	188	376	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	94.7	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
206-44-0	**Fluoranthene**	**303**		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
86-73-7	Fluorene	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	94.7	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
78-59-1	Isophorone	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	94.7	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR

Sample Information

Client Sample ID: **SP-6 (0'-2')** **York Sample ID:** **14C0617-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	94.7	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
91-20-3	Naphthalene	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.7	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.7	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	94.7	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	94.7	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	94.7	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
85-01-8	**Phenanthrene**	**242**		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
108-95-2	Phenol	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
129-00-0	**Pyrene**	**262**		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
110-86-1	Pyridine	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.4	188	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:05	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*70.4 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*71.3 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*72.1 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*76.4 %*	*10-126*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*86.5 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*95.5 %*	*10-137*

Sample Information

Client Sample ID: **SP-6 (0'-2')** **York Sample ID:** **14C0617-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	94.2	94.2	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:48	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.30	9.30	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:48	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:48	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:48	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:48	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:48	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:48	JW
72-20-8	Endrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:48	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:48	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:48	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:48	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:48	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:48	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.44	7.44	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:48	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:48	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:48	JW
309-00-2	Aldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:48	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:48	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:48	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 18:48	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:34	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:34	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:34	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:34	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:34	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:34	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:34	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.67	19.2	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:34	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*86.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*70.4 %*	*30-140*

Sample Information

Client Sample ID: **SP-6 (0'-2')** **York Sample ID:** **14C0617-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8150**		mg/kg dry	1.13	1.13	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7440-36-0	Antimony	ND		mg/kg dry	0.564	0.564	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7440-38-2	**Arsenic**	**5.73**		mg/kg dry	1.13	1.13	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7440-39-3	**Barium**	**155**		mg/kg dry	1.13	1.13	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.338	0.338	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7440-70-2	**Calcium**	**21200**		mg/kg dry	0.564	5.64	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7440-47-3	**Chromium**	**15.0**		mg/kg dry	0.564	0.564	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7440-48-4	**Cobalt**	**5.98**		mg/kg dry	0.564	0.564	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7440-50-8	**Copper**	**26.4**		mg/kg dry	0.564	0.564	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7439-89-6	**Iron**	**13400**		mg/kg dry	2.26	2.26	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7439-92-1	**Lead**	**209**		mg/kg dry	0.338	0.338	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7439-95-4	**Magnesium**	**4510**		mg/kg dry	5.64	5.64	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7439-96-5	**Manganese**	**405**		mg/kg dry	0.564	0.564	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7440-02-0	**Nickel**	**16.9**		mg/kg dry	0.564	0.564	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7440-09-7	**Potassium**	**1160**		mg/kg dry	5.64	5.64	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7782-49-2	Selenium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7440-22-4	Silver	ND		mg/kg dry	0.564	0.564	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7440-23-5	**Sodium**	**500**		mg/kg dry	11.3	11.3	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7440-62-2	**Vanadium**	**18.7**		mg/kg dry	1.13	1.13	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW
7440-66-6	**Zinc**	**99.3**		mg/kg dry	1.13	1.13	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:26	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.113**		mg/kg dry	0.0372	0.0372	1	EPA 7471B	03/25/2014 10:12	03/25/2014 14:55	AA

Sample Information

Client Sample ID: **SP-6 (0'-2')** **York Sample ID:** **14C0617-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.7**		%	0.100	0.100	1	SM 2540G	03/20/2014 12:59	03/21/2014 07:54	ALD

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.395	0.564	1	EPA 7196A	03/25/2014 07:35	03/25/2014 14:44	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**15.0**		mg/kg	0.250	0.500	1	Calculation	03/25/2014 14:47	03/25/2014 14:53	SC

Sample Information

Client Sample ID: **SP-6 (13'-15')** **York Sample ID:** **14C0617-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
95-63-6	**1,2,4-Trimethylbenzene**	**390000**		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS

Sample Information

Client Sample ID: **SP-6 (13'-15')** **York Sample ID:** **14C0617-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
108-67-8	**1,3,5-Trimethylbenzene**	**130000**		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	240000	490000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
78-93-3	2-Butanone	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
67-64-1	Acetone	ND		ug/kg dry	12000	49000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
71-43-2	**Benzene**	**12000**	J	ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
108-86-1	Bromobenzene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
75-25-2	Bromoform	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
74-83-9	Bromomethane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
75-00-3	Chloroethane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
67-66-3	Chloroform	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
74-87-3	Chloromethane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
74-95-3	Dibromomethane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
100-41-4	**Ethyl Benzene**	**230000**		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
98-82-8	**Isopropylbenzene**	**21000**	J	ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
75-09-2	Methylene chloride	ND		ug/kg dry	12000	49000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
91-20-3	**Naphthalene**	**83000**	B	ug/kg dry	12000	49000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS

Sample Information

Client Sample ID: **SP-6 (13'-15')** **York Sample ID:** **14C0617-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	**n-Butylbenzene**	**39000**		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
103-65-1	**n-Propylbenzene**	**74000**		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
95-47-6	**o-Xylene**	**290000**		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
179601-23-1	**p- & m- Xylenes**	**790000**		ug/kg dry	24000	49000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
100-42-5	Styrene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
108-88-3	**Toluene**	**270000**		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
1330-20-7	**Xylenes, Total**	**1100000**		ug/kg dry	37000	73000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	12000	24000	5000	EPA 8260C	03/24/2014 08:57	03/24/2014 17:07	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*63.1 %*	S-04	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.4 %*		*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*		*90-112*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
62-53-3	Aniline	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
120-12-7	Anthracene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	102	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	102	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR

Sample Information

Client Sample ID: **SP-6 (13'-15')** **York Sample ID:** **14C0617-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	102	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	102	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
218-01-9	Chrysene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	203	404	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	102	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	102	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	203	405	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	102	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
206-44-0	Fluoranthene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
86-73-7	Fluorene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	102	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
78-59-1	Isophorone	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
91-57-6	**2-Methylnaphthalene**	**509**		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	102	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR

Sample Information

Client Sample ID: **SP-6 (13'-15')** **York Sample ID:** **14C0617-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	102	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
91-20-3	**Naphthalene**	**235**		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	102	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	102	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	102	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	102	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	102	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
85-01-8	**Phenanthrene**	**52.2**	J	ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
108-95-2	Phenol	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
129-00-0	Pyrene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
110-86-1	Pyridine	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	51.0	202	1	EPA 8270D	03/20/2014 11:15	03/20/2014 16:39	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*61.3 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*63.7 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*67.4 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*67.1 %*	*10-126*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*107 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*84.1 %*	*10-137*

Sample Information

Client Sample ID: **SP-6 (13'-15')** **York Sample ID:** **14C0617-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	101	101	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:04	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.0	10.0	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:04	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:04	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:04	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:04	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:04	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:04	JW
72-20-8	Endrin	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:04	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:04	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:04	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:04	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:04	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:04	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.01	8.01	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:04	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:04	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:04	JW
309-00-2	Aldrin	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:04	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:04	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:04	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.00	2.00	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:04	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.6	20.6	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:53	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.6	20.6	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:53	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.6	20.6	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:53	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.6	20.6	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:53	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.6	20.6	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:53	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.6	20.6	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:53	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.6	20.6	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:53	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	8.26	20.6	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 21:53	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.1 %*	*30-140*

Sample Information

Client Sample ID: **SP-6 (13'-15')** **York Sample ID:** **14C0617-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7570**		mg/kg dry	1.21	1.21	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7440-36-0	Antimony	ND		mg/kg dry	0.607	0.607	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7440-38-2	**Arsenic**	**7.95**		mg/kg dry	1.21	1.21	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7440-39-3	**Barium**	**174**		mg/kg dry	1.21	1.21	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7440-41-7	**Beryllium**	**0.166**		mg/kg dry	0.121	0.121	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.364	0.364	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7440-70-2	**Calcium**	**2160**		mg/kg dry	0.607	6.07	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7440-47-3	**Chromium**	**15.6**		mg/kg dry	0.607	0.607	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7440-48-4	**Cobalt**	**5.20**		mg/kg dry	0.607	0.607	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7440-50-8	**Copper**	**15.6**		mg/kg dry	0.607	0.607	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7439-89-6	**Iron**	**16800**		mg/kg dry	2.43	2.43	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7439-92-1	**Lead**	**13.8**		mg/kg dry	0.364	0.364	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7439-95-4	**Magnesium**	**3090**		mg/kg dry	6.07	6.07	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7439-96-5	**Manganese**	**1170**		mg/kg dry	0.607	0.607	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7440-02-0	**Nickel**	**17.3**		mg/kg dry	0.607	0.607	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7440-09-7	**Potassium**	**867**		mg/kg dry	6.07	6.07	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7782-49-2	Selenium	ND		mg/kg dry	1.21	1.21	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7440-22-4	Silver	ND		mg/kg dry	0.607	0.607	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7440-23-5	**Sodium**	**231**		mg/kg dry	12.1	12.1	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7440-28-0	Thallium	ND		mg/kg dry	1.21	1.21	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7440-62-2	**Vanadium**	**17.6**		mg/kg dry	1.21	1.21	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW
7440-66-6	**Zinc**	**41.9**		mg/kg dry	1.21	1.21	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:31	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0401	0.0401	1	EPA 7471B	03/25/2014 10:12	03/25/2014 14:55	AA

Sample Information

Client Sample ID: **SP-6 (13'-15')** **York Sample ID:** **14C0617-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.3**		%	0.100	0.100	1	SM 2540G	03/20/2014 12:58	03/21/2014 07:51	ALD

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.425	0.607	1	EPA 7196A	03/25/2014 07:35	03/25/2014 14:44	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**15.6**		mg/kg	0.250	0.500	1	Calculation	03/25/2014 14:47	03/25/2014 14:53	SC

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **14C0617-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **14C0617-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
67-64-1	Acetone	ND		ug/kg dry	2.7	11	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.7	11	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **14C0617-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	03/24/2014 16:09	03/25/2014 09:38	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*109 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*90-112*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
62-53-3	Aniline	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
120-12-7	Anthracene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **14C0617-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
218-01-9	Chrysene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	185	370	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	185	370	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
206-44-0	Fluoranthene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
86-73-7	Fluorene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
78-59-1	Isophorone	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **14C0617-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
91-20-3	Naphthalene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	93.2	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
85-01-8	Phenanthrene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
108-95-2	Phenol	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
129-00-0	Pyrene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
110-86-1	Pyridine	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.6	185	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:11	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*67.2 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*68.5 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*70.5 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*73.7 %*	*10-126*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*107 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*93.0 %*	*10-137*

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **14C0617-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	92.7	92.7	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:20	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.16	9.16	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:20	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:20	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:20	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:20	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:20	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:20	JW
72-20-8	Endrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:20	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:20	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:20	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:20	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:20	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:20	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.33	7.33	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:20	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:20	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:20	JW
309-00-2	Aldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:20	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:20	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:20	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:20	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 22:12	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 22:12	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 22:12	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 22:12	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 22:12	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 22:12	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 22:12	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.55	18.9	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 22:12	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.8 %*	*30-140*

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **14C0617-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9010**		mg/kg dry	1.11	1.11	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7440-36-0	Antimony	ND		mg/kg dry	0.555	0.555	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7440-38-2	**Arsenic**	**3.49**		mg/kg dry	1.11	1.11	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7440-39-3	**Barium**	**68.0**		mg/kg dry	1.11	1.11	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.333	0.333	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7440-70-2	**Calcium**	**2580**		mg/kg dry	0.555	5.55	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7440-47-3	**Chromium**	**14.2**		mg/kg dry	0.555	0.555	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7440-48-4	**Cobalt**	**6.03**		mg/kg dry	0.555	0.555	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7440-50-8	**Copper**	**22.6**		mg/kg dry	0.555	0.555	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7439-89-6	**Iron**	**13100**		mg/kg dry	2.22	2.22	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7439-92-1	**Lead**	**94.5**		mg/kg dry	0.333	0.333	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7439-95-4	**Magnesium**	**2490**		mg/kg dry	5.55	5.55	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7439-96-5	**Manganese**	**334**		mg/kg dry	0.555	0.555	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7440-02-0	**Nickel**	**15.5**		mg/kg dry	0.555	0.555	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7440-09-7	**Potassium**	**824**		mg/kg dry	5.55	5.55	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7782-49-2	Selenium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7440-22-4	Silver	ND		mg/kg dry	0.555	0.555	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7440-23-5	**Sodium**	**789**		mg/kg dry	11.1	11.1	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7440-62-2	**Vanadium**	**17.8**		mg/kg dry	1.11	1.11	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW
7440-66-6	**Zinc**	**50.1**		mg/kg dry	1.11	1.11	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:36	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0366	0.0366	1	EPA 7471B	03/25/2014 10:12	03/25/2014 14:55	AA

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **14C0617-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.1**		%	0.100	0.100	1	SM 2540G	03/20/2014 12:58	03/21/2014 07:51	ALD

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.388	0.555	1	EPA 7196A	03/25/2014 07:35	03/25/2014 14:44	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.2**		mg/kg	0.250	0.500	1	Calculation	03/25/2014 14:47	03/25/2014 14:53	SC

Sample Information

Client Sample ID: **SP-2 (13'-15')** **York Sample ID:** **14C0617-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
95-63-6	**1,2,4-Trimethylbenzene**	**140000**		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS

Sample Information

Client Sample ID: **SP-2 (13'-15')** **York Sample ID:** **14C0617-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Volatile Organics, 8260 List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
108-67-8	**1,3,5-Trimethylbenzene**	**48000**		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	55000	110000	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
78-93-3	2-Butanone	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
67-64-1	Acetone	ND		ug/kg dry	2700	11000	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
71-43-2	Benzene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
75-25-2	Bromoform	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
74-83-9	Bromomethane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
75-00-3	Chloroethane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
67-66-3	Chloroform	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
74-87-3	Chloromethane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
100-41-4	**Ethyl Benzene**	**79000**		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
98-82-8	**Isopropylbenzene**	**7100**		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2700	11000	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
91-20-3	**Naphthalene**	**26000**	B	ug/kg dry	2700	11000	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS

Sample Information

Client Sample ID: **SP-2 (13'-15')** **York Sample ID:** **14C0617-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	**n-Butylbenzene**	**14000**		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
103-65-1	**n-Propylbenzene**	**24000**		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
95-47-6	**o-Xylene**	**110000**		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
179601-23-1	**p- & m- Xylenes**	**280000**		ug/kg dry	5500	11000	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
135-98-8	**sec-Butylbenzene**	**3500**	J	ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
100-42-5	Styrene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
108-88-3	**Toluene**	**88000**		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
1330-20-7	**Xylenes, Total**	**390000**		ug/kg dry	8200	16000	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2700	5500	1000	EPA 8260C	03/24/2014 08:57	03/24/2014 18:26	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*43.9 %*	S-04	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.1 %*		*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*97.8 %*		*90-112*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
62-53-3	Aniline	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
120-12-7	Anthracene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	97.2	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	97.2	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR

Sample Information

Client Sample ID: **SP-2 (13'-15')** **York Sample ID:** **14C0617-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	97.2	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	97.2	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
218-01-9	Chrysene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	193	385	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	97.2	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	97.2	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	193	386	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	97.2	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
206-44-0	Fluoranthene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
86-73-7	Fluorene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	97.2	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
78-59-1	Isophorone	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
91-57-6	**2-Methylnaphthalene**	**115**	J	ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	97.2	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	97.2	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR

Sample Information

Client Sample ID: **SP-2 (13'-15')** **York Sample ID:** **14C0617-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	**Naphthalene**	**50.5**	J	ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	97.2	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	97.2	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	97.2	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	97.2	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	97.2	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
85-01-8	Phenanthrene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
108-95-2	Phenol	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
129-00-0	Pyrene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
110-86-1	Pyridine	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.6	193	1	EPA 8270D	03/20/2014 11:15	03/20/2014 17:44	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*76.3 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*76.2 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*80.0 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*77.7 %*	*10-126*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*115 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*96.3 %*	*10-137*

Sample Information

Client Sample ID: **SP-2 (13'-15')** **York Sample ID:** **14C0617-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	96.6	96.6	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:36	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.54	9.54	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:36	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:36	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:36	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:36	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:36	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:36	JW
72-20-8	Endrin	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:36	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:36	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:36	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:36	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:36	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:36	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.63	7.63	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:36	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:36	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:36	JW
309-00-2	Aldrin	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:36	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:36	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:36	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.91	1.91	5	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 19:36	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 22:31	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 22:31	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 22:31	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 22:31	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 22:31	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 22:31	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 22:31	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.86	19.7	1	EPA 8081B/8082A	03/19/2014 18:00	03/20/2014 22:31	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.7 %*	*30-140*

Sample Information

Client Sample ID: **SP-2 (13'-15')** **York Sample ID:** **14C0617-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5690**		mg/kg dry	1.16	1.16	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7440-36-0	Antimony	ND		mg/kg dry	0.578	0.578	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7440-38-2	**Arsenic**	**1.94**		mg/kg dry	1.16	1.16	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7440-39-3	**Barium**	**113**		mg/kg dry	1.16	1.16	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.116	0.116	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.347	0.347	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7440-70-2	**Calcium**	**1190**		mg/kg dry	0.578	5.78	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7440-47-3	**Chromium**	**14.1**		mg/kg dry	0.578	0.578	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7440-48-4	**Cobalt**	**3.54**		mg/kg dry	0.578	0.578	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7440-50-8	**Copper**	**7.17**		mg/kg dry	0.578	0.578	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7439-89-6	**Iron**	**6440**		mg/kg dry	2.31	2.31	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7439-92-1	**Lead**	**4.69**		mg/kg dry	0.347	0.347	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7439-95-4	**Magnesium**	**1440**		mg/kg dry	5.78	5.78	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7439-96-5	**Manganese**	**90.5**		mg/kg dry	0.578	0.578	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7440-02-0	**Nickel**	**10.4**		mg/kg dry	0.578	0.578	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7440-09-7	**Potassium**	**697**		mg/kg dry	5.78	5.78	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7782-49-2	Selenium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7440-22-4	Silver	ND		mg/kg dry	0.578	0.578	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7440-23-5	**Sodium**	**63.3**		mg/kg dry	11.6	11.6	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7440-28-0	Thallium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7440-62-2	**Vanadium**	**11.7**		mg/kg dry	1.16	1.16	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW
7440-66-6	**Zinc**	**20.2**		mg/kg dry	1.16	1.16	1	EPA 6010C	03/20/2014 13:26	03/20/2014 21:41	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0382	0.0382	1	EPA 7471B	03/25/2014 10:12	03/25/2014 14:55	AA

Sample Information

Client Sample ID: **SP-2 (13'-15')** **York Sample ID:** **14C0617-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Soil	March 18, 2014 3:00 pm	03/19/2014

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.5**		%	0.100	0.100	1	SM 2540G	03/20/2014 12:58	03/21/2014 07:51	ALD

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.405	0.578	1	EPA 7196A	03/25/2014 07:35	03/25/2014 14:44	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.1**		mg/kg	0.250	0.500	1	Calculation	03/25/2014 14:47	03/25/2014 14:53	SC

Sample Information

Client Sample ID: **Field blank** **York Sample ID:** **14C0617-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Water	March 18, 2014 3:00 pm	03/19/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK

Sample Information

Client Sample ID: **Field blank** **York Sample ID:** **14C0617-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Water	March 18, 2014 3:00 pm	03/19/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK

Sample Information

Client Sample ID: **Field blank** **York Sample ID:** **14C0617-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Water	March 18, 2014 3:00 pm	03/19/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
95-47-6	* o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
179601-23-1	* p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	03/21/2014 09:01	03/21/2014 11:44	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.4 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*99.8 %*	*88-114*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
208-96-8	Acenaphthylene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
120-12-7	Anthracene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR

Sample Information

Client Sample ID: **Field blank** **York Sample ID:** **14C0617-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Water	March 18, 2014 3:00 pm	03/19/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
218-01-9	Chrysene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
206-44-0	Fluoranthene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
86-73-7	Fluorene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
118-74-1	Hexachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
67-72-1	Hexachloroethane	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR

Sample Information

Client Sample ID: **Field blank** **York Sample ID:** **14C0617-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Water	March 18, 2014 3:00 pm	03/19/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
98-95-3	Nitrobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
87-86-5	Pentachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
85-01-8	Phenanthrene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
129-00-0	Pyrene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	03/20/2014 10:00	03/24/2014 17:08	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*15.0 %*	*10-53*
4165-62-2	*Surrogate: Phenol-d5*	*11.6 %*	*10-39*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*59.1 %*	*10-120*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*48.7 %*	*10-108*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*91.9 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*105 %*	*10-143*

Sample Information

Client Sample ID: **Field blank** **York Sample ID:** **14C0617-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Water	March 18, 2014 3:00 pm	03/19/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 12:08	JW
72-43-5	Methoxychlor	ND		ug/L	0.00500	0.00500	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 12:08	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 12:08	JW
76-44-8	Heptachlor	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 12:08	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 12:08	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 12:08	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 12:08	JW
72-20-8	Endrin	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 12:08	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 12:08	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 12:08	JW
959-98-8	Endosulfan I	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 12:08	JW
60-57-1	Dieldrin	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 12:08	JW
319-86-8	delta-BHC	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 12:08	JW
57-74-9	Chlordane, total	ND		ug/L	0.00400	0.00400	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 12:08	JW
319-85-7	beta-BHC	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 12:08	JW
319-84-6	alpha-BHC	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 12:08	JW
309-00-2	Aldrin	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 12:08	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 12:08	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 12:08	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00100	0.00100	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 12:08	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	03/21/2014 09:00	03/22/2014 03:48	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	03/21/2014 09:00	03/22/2014 03:48	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	03/21/2014 09:00	03/22/2014 03:48	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	03/21/2014 09:00	03/22/2014 03:48	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	03/21/2014 09:00	03/22/2014 03:48	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	03/21/2014 09:00	03/22/2014 03:48	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	03/21/2014 09:00	03/22/2014 03:48	JW
1336-36-3	* Total PCBs	ND		ug/L	0.0500	0.0500	1	EPA 8081B/8082A	03/21/2014 09:00	03/22/2014 03:48	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*36.2 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.5 %*	*30-120*

Sample Information

Client Sample ID: **Field blank** **York Sample ID:** **14C0617-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Water	March 18, 2014 3:00 pm	03/19/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7440-39-3	Barium	ND		mg/L	0.010	0.010	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7440-70-2	**Calcium**	**0.159**		mg/L	0.050	0.050	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7439-95-4	Magnesium	ND		mg/L	0.050	0.050	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7439-96-5	Manganese	ND		mg/L	0.005	0.005	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7440-09-7	**Potassium**	**0.497**		mg/L	0.050	0.050	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7440-23-5	**Sodium**	**0.204**		mg/L	0.100	0.100	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW
7440-66-6	**Zinc**	**0.032**		mg/L	0.010	0.010	1	EPA 6010C	03/20/2014 13:18	03/20/2014 18:10	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473	03/20/2014 06:55	03/20/2014 15:11	ALD

Sample Information

Client Sample ID: **Field blank** **York Sample ID:** **14C0617-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0617	140048-346 W 40th Street, New York	Water	March 18, 2014 3:00 pm	03/19/2014

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	0.0100	1	EPA 7196A	03/19/2014 17:34	03/19/2014 17:34	SC

Chromium, Trivalent

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

Sample Prepared by Method: *** DEFAULT PREP ***

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.00800	0.0100	1	Calculation	03/24/2014 14:37	03/24/2014 14:40	SC

Analytical Batch Summary

Batch ID: BC40706 **Preparation Method:** Analysis Preparation **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14C0617-07	Field blank	03/19/14
BC40706-BLK1	Blank	03/19/14
BC40706-BS1	LCS	03/19/14

Batch ID: BC40746 **Preparation Method:** EPA 3550C **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14C0617-01	SP-3 (0'-2')	03/19/14
14C0617-02	SP-3 (13'-15')	03/19/14
14C0617-03	SP-6 (0'-2')	03/19/14
14C0617-04	SP-6 (13'-15')	03/19/14
14C0617-05	SP-2 (0'-2')	03/19/14
14C0617-06	SP-2 (13'-15')	03/19/14
BC40746-BLK1	Blank	03/19/14
BC40746-BS1	LCS	03/19/14
BC40746-BS2	LCS	03/19/14
BC40746-BSD1	LCS Dup	03/19/14

Batch ID: BC40772 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14C0617-07	Field blank	03/20/14
BC40772-BLK1	Blank	03/20/14
BC40772-SRM1	Reference	03/20/14

Batch ID: BC40776 **Preparation Method:** EPA 3550C **Prepared By:** CC

YORK Sample ID	Client Sample ID	Preparation Date
14C0617-01	SP-3 (0'-2')	03/20/14
14C0617-02	SP-3 (13'-15')	03/20/14
14C0617-03	SP-6 (0'-2')	03/20/14
14C0617-04	SP-6 (13'-15')	03/20/14
14C0617-05	SP-2 (0'-2')	03/20/14
14C0617-06	SP-2 (13'-15')	03/20/14
BC40776-BLK1	Blank	03/20/14
BC40776-BS1	LCS	03/20/14

Batch ID: BC40786 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
14C0617-07	Field blank	03/20/14
BC40786-BLK1	Blank	03/20/14
BC40786-BLK2	Blank	03/20/14

BC40786-BS1	LCS	03/20/14
BC40786-BSD1	LCS Dup	03/20/14

Batch ID: BC40810 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14C0617-04	SP-6 (13'-15')	03/20/14
14C0617-05	SP-2 (0'-2')	03/20/14
14C0617-06	SP-2 (13'-15')	03/20/14

Batch ID: BC40811 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14C0617-01	SP-3 (0'-2')	03/20/14
14C0617-02	SP-3 (13'-15')	03/20/14
14C0617-03	SP-6 (0'-2')	03/20/14

Batch ID: BC40816 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14C0617-07	Field blank	03/20/14
BC40816-BLK1	Blank	03/20/14
BC40816-SRM1	Reference	03/20/14
BC40816-SRM2	Reference	03/20/14

Batch ID: BC40820 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14C0617-01	SP-3 (0'-2')	03/20/14
14C0617-02	SP-3 (13'-15')	03/20/14
14C0617-03	SP-6 (0'-2')	03/20/14
14C0617-04	SP-6 (13'-15')	03/20/14
14C0617-05	SP-2 (0'-2')	03/20/14
14C0617-06	SP-2 (13'-15')	03/20/14
BC40820-BLK1	Blank	03/20/14
BC40820-SRM1	Reference	03/20/14

Batch ID: BC40856 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
14C0617-07	Field blank	03/21/14
BC40856-BLK1	Blank	03/21/14
BC40856-BS1	LCS	03/21/14
BC40856-BS2	LCS	03/21/14
BC40856-BSD1	LCS Dup	03/21/14
BC40856-BSD2	LCS Dup	03/21/14

Batch ID: BC40885 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14C0617-07	Field blank	03/21/14
BC40885-BLK1	Blank	03/21/14
BC40885-BS1	LCS	03/21/14
BC40885-BSD1	LCS Dup	03/21/14
BC40885-DUP1	Duplicate	03/21/14
BC40885-MS1	Matrix Spike	03/21/14

Batch ID: BC40962 **Preparation Method:** *** DEFAULT PREP *** **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14C0617-07	Field blank	03/24/14

Batch ID: BC40969 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14C0617-04	SP-6 (13'-15')	03/24/14
14C0617-06	SP-2 (13'-15')	03/24/14
BC40969-BLK1	Blank	03/24/14
BC40969-BS1	LCS	03/24/14
BC40969-BSD1	LCS Dup	03/24/14

Batch ID: BC40980 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14C0617-01	SP-3 (0'-2')	03/25/14
14C0617-02	SP-3 (13'-15')	03/25/14
14C0617-03	SP-6 (0'-2')	03/25/14
14C0617-04	SP-6 (13'-15')	03/25/14
14C0617-05	SP-2 (0'-2')	03/25/14
14C0617-06	SP-2 (13'-15')	03/25/14
BC40980-BLK1	Blank	03/25/14
BC40980-SRM1	Reference	03/25/14

Batch ID: BC40984 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14C0617-01	SP-3 (0'-2')	03/24/14
14C0617-03	SP-6 (0'-2')	03/24/14
14C0617-05	SP-2 (0'-2')	03/24/14
BC40984-BLK1	Blank	03/24/14
BC40984-BS1	LCS	03/24/14
BC40984-BSD1	LCS Dup	03/24/14

Batch ID: BC40997 **Preparation Method:** EPA SW846-7471 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14C0617-01	SP-3 (0'-2')	03/25/14
14C0617-02	SP-3 (13'-15')	03/25/14
14C0617-03	SP-6 (0'-2')	03/25/14
14C0617-04	SP-6 (13'-15')	03/25/14
14C0617-05	SP-2 (0'-2')	03/25/14
14C0617-06	SP-2 (13'-15')	03/25/14
BC40997-BLK1	Blank	03/25/14
BC40997-BS1	LCS	03/25/14

Batch ID: BC41025 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14C0617-02	SP-3 (13'-15')	03/25/14
BC41025-BLK1	Blank	03/25/14
BC41025-BS1	LCS	03/25/14
BC41025-BSD1	LCS Dup	03/25/14

Batch ID: BC41030 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14C0617-01	SP-3 (0'-2')	03/25/14
14C0617-02	SP-3 (13'-15')	03/25/14
14C0617-03	SP-6 (0'-2')	03/25/14
14C0617-04	SP-6 (13'-15')	03/25/14
14C0617-05	SP-2 (0'-2')	03/25/14
14C0617-06	SP-2 (13'-15')	03/25/14

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 BC40885 - EPA 5030B											
Blank (BC40885-BLK1)								Prepared & Analyzed: 03/21/2014			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	4.6	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	5.0	"								
Naphthalene	3.7	5.0	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								

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 BC40885 - EPA 5030B											
Blank (BC40885-BLK1)							Prepared & Analyzed: 03/21/2014				
p- & m- Xylenes	ND	10	ug/L								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*52.2*		*"*	*50.0*		*104*	*81-123*				
Surrogate: p-Bromofluorobenzene	*49.3*		*"*	*50.0*		*98.7*	*70-128*				
Surrogate: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*88-114*				
LCS (BC40885-BS1)							Prepared & Analyzed: 03/21/2014				
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		101	85-118				
1,1,1-Trichloroethane	51		"	50.0		102	74-128				
1,1,2,2-Tetrachloroethane	58		"	50.0		115	71-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		99.4	51-157				
1,1,2-Trichloroethane	55		"	50.0		109	80-122				
1,1-Dichloroethane	53		"	50.0		105	70-131				
1,1-Dichloroethylene	50		"	50.0		100	60-143				
1,1-Dichloropropylene	51		"	50.0		101	78-122				
1,2,3-Trichlorobenzene	52		"	50.0		104	68-140				
1,2,3-Trichloropropane	57		"	50.0		114	77-125				
1,2,4-Trichlorobenzene	51		"	50.0		103	65-143				
1,2,4-Trimethylbenzene	51		"	50.0		103	83-121				
1,2-Dibromo-3-chloropropane	61		"	50.0		122	60-146				
1,2-Dibromoethane	54		"	50.0		109	82-122				
1,2-Dichlorobenzene	49		"	50.0		98.9	85-115				
1,2-Dichloroethane	54		"	50.0		109	72-126				
1,2-Dichloropropane	53		"	50.0		106	78-119				
1,3,5-Trimethylbenzene	50		"	50.0		99.4	84-118				
1,3-Dichlorobenzene	49		"	50.0		97.6	83-117				
1,3-Dichloropropane	55		"	50.0		110	79-121				
1,4-Dichlorobenzene	49		"	50.0		98.1	83-118				
2,2-Dichloropropane	53		"	50.0		106	60-135				
2-Butanone	61		"	50.0		122	48-156				
2-Chlorotoluene	51		"	50.0		101	81-118				
4-Chlorotoluene	50		"	50.0		101	81-117				
Acetone	60		"	50.0		120	21-172				
Benzene	51		"	50.0		102	82-120				
Bromobenzene	52		"	50.0		104	82-119				
Bromochloromethane	55		"	50.0		110	69-125				
Bromodichloromethane	52		"	50.0		104	84-117				
Bromoform	51		"	50.0		101	77-130				
Bromomethane	44		"	50.0		87.1	16-162				
Carbon tetrachloride	49		"	50.0		98.8	72-132				

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 BC40885 - EPA 5030B											
LCS (BC40885-BS1)							Prepared & Analyzed: 03/21/2014				
Chlorobenzene	50		ug/L	50.0		99.5	88-112				
Chloroethane	52		"	50.0		105	29-172				
Chloroform	51		"	50.0		103	77-124				
Chloromethane	45		"	50.0		90.2	37-131				
cis-1,2-Dichloroethylene	51		"	50.0		102	77-124				
cis-1,3-Dichloropropylene	52		"	50.0		104	81-117				
Dibromochloromethane	51		"	50.0		102	72-131				
Dibromomethane	54		"	50.0		109	85-116				
Dichlorodifluoromethane	34		"	50.0		67.4	47-152				
Ethyl Benzene	51		"	50.0		102	86-114				
Hexachlorobutadiene	45		"	50.0		90.1	68-139				
Isopropylbenzene	50		"	50.0		101	84-118				
Methyl tert-butyl ether (MTBE)	57		"	50.0		113	49-156				
Methylene chloride	45		"	50.0		89.5	51-145				
Naphthalene	62		"	50.0		125	67-141				
n-Butylbenzene	52		"	50.0		104	76-125				
n-Propylbenzene	51		"	50.0		103	84-118				
o-Xylene	52		"	50.0		104	85-114				
p- & m- Xylenes	100		"	100		102	84-117				
p-Isopropyltoluene	50		"	50.0		100	84-121				
sec-Butylbenzene	50		"	50.0		101	85-119				
Styrene	50		"	50.0		101	77-126				
tert-Butylbenzene	49		"	50.0		98.2	83-119				
Tetrachloroethylene	46		"	50.0		92.1	75-129				
Toluene	51		"	50.0		101	86-113				
trans-1,2-Dichloroethylene	52		"	50.0		104	55-148				
trans-1,3-Dichloropropylene	53		"	50.0		105	77-120				
Trichloroethylene	50		"	50.0		100	85-115				
Trichlorofluoromethane	47		"	50.0		94.3	69-131				
Vinyl Chloride	48		"	50.0		95.0	44-152				
Vinyl acetate	53		"	50.0		106	48-145				
Surrogate: 1,2-Dichloroethane-d4	*54.2*		*"*	*50.0*		*108*	*81-123*				
Surrogate: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.3*	*70-128*				
Surrogate: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*88-114*				

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 BC40885 - EPA 5030B											
LCS Dup (BC40885-BSD1)							Prepared & Analyzed: 03/21/2014				
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		103	85-118		2.21	30	
1,1,1-Trichloroethane	51		"	50.0		101	74-128		0.0394	30	
1,1,2,2-Tetrachloroethane	56		"	50.0		111	71-130		3.44	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		99.9	51-157		0.522	30	
1,1,2-Trichloroethane	54		"	50.0		107	80-122		2.07	30	
1,1-Dichloroethane	52		"	50.0		105	70-131		0.419	30	
1,1-Dichloroethylene	52		"	50.0		103	60-143		3.23	30	
1,1-Dichloropropylene	51		"	50.0		102	78-122		0.905	30	
1,2,3-Trichlorobenzene	53		"	50.0		107	68-140		2.20	30	
1,2,3-Trichloropropane	54		"	50.0		107	77-125		5.68	30	
1,2,4-Trichlorobenzene	53		"	50.0		106	65-143		3.52	30	
1,2,4-Trimethylbenzene	55		"	50.0		109	83-121		6.42	30	
1,2-Dibromo-3-chloropropane	55		"	50.0		111	60-146		9.85	30	
1,2-Dibromoethane	52		"	50.0		105	82-122		3.94	30	
1,2-Dichlorobenzene	52		"	50.0		103	85-115		4.31	30	
1,2-Dichloroethane	53		"	50.0		107	72-126		2.06	30	
1,2-Dichloropropane	53		"	50.0		107	78-119		1.11	30	
1,3,5-Trimethylbenzene	54		"	50.0		108	84-118		8.14	30	
1,3-Dichlorobenzene	52		"	50.0		104	83-117		6.73	30	
1,3-Dichloropropane	53		"	50.0		106	79-121		3.99	30	
1,4-Dichlorobenzene	52		"	50.0		103	83-118		4.91	30	
2,2-Dichloropropane	53		"	50.0		107	60-135		1.39	30	
2-Butanone	49		"	50.0		98.1	48-156		21.3	30	
2-Chlorotoluene	54		"	50.0		107	81-118		5.79	30	
4-Chlorotoluene	55		"	50.0		109	81-117		7.85	30	
Acetone	44		"	50.0		88.0	21-172		31.1	30	Non-dir.
Benzene	52		"	50.0		103	82-120		1.11	30	
Bromobenzene	54		"	50.0		108	82-119		4.25	30	
Bromochloromethane	53		"	50.0		106	69-125		4.12	30	
Bromodichloromethane	53		"	50.0		105	84-117		1.61	30	
Bromoform	50		"	50.0		99.9	77-130		1.41	30	
Bromomethane	38		"	50.0		76.3	16-162		13.2	30	
Carbon tetrachloride	51		"	50.0		102	72-132		2.85	30	
Chlorobenzene	51		"	50.0		103	88-112		3.24	30	
Chloroethane	52		"	50.0		105	29-172		0.114	30	
Chloroform	51		"	50.0		103	77-124		0.0389	30	
Chloromethane	45		"	50.0		89.6	37-131		0.645	30	
cis-1,2-Dichloroethylene	51		"	50.0		103	77-124		0.0390	30	
cis-1,3-Dichloropropylene	52		"	50.0		105	81-117		1.27	30	
Dibromochloromethane	50		"	50.0		100	72-131		1.54	30	
Dibromomethane	52		"	50.0		104	85-116		4.58	30	
Dichlorodifluoromethane	34		"	50.0		67.3	47-152		0.119	30	
Ethyl Benzene	53		"	50.0		106	86-114		3.68	30	
Hexachlorobutadiene	49		"	50.0		97.4	68-139		7.87	30	
Isopropylbenzene	54		"	50.0		108	84-118		6.63	30	
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	49-156		6.96	30	
Methylene chloride	44		"	50.0		87.7	51-145		2.05	30	
Naphthalene	61		"	50.0		123	67-141		1.68	30	
n-Butylbenzene	56		"	50.0		111	76-125		6.78	30	
n-Propylbenzene	55		"	50.0		110	84-118		6.38	30	
o-Xylene	53		"	50.0		106	85-114		1.87	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 BC40885 - EPA 5030B											
LCS Dup (BC40885-BSD1)								Prepared & Analyzed: 03/21/2014			
p- & m- Xylenes	110		ug/L	100		106	84-117		3.74	30	
p-Isopropyltoluene	54		"	50.0		109	84-121		7.96	30	
sec-Butylbenzene	54		"	50.0		108	85-119		6.67	30	
Styrene	52		"	50.0		104	77-126		3.13	30	
tert-Butylbenzene	54		"	50.0		107	83-119		8.69	30	
Tetrachloroethylene	47		"	50.0		94.7	75-129		2.78	30	
Toluene	53		"	50.0		105	86-113		3.70	30	
trans-1,2-Dichloroethylene	53		"	50.0		105	55-148		0.839	30	
trans-1,3-Dichloropropylene	51		"	50.0		103	77-120		2.02	30	
Trichloroethylene	51		"	50.0		103	85-115		2.42	30	
Trichlorofluoromethane	48		"	50.0		96.6	69-131		2.37	30	
Vinyl Chloride	48		"	50.0		96.2	44-152		1.19	30	
Vinyl acetate	48		"	50.0		96.1	48-145		9.91	30	
Surrogate: 1,2-Dichloroethane-d4	*50.7*		*"*	*50.0*		*101*	*81-123*				
Surrogate: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.7*	*70-128*				
Surrogate: Toluene-d8	*50.7*		*"*	*50.0*		*101*	*88-114*				
Duplicate (BC40885-DUP1)	*Source sample: 14C0617-07 (Field blank)							Prepared & Analyzed: 03/21/2014			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L		ND					200	
1,1,1-Trichloroethane	ND	5.0	"		ND					200	
1,1,2,2-Tetrachloroethane	ND	5.0	"		ND					200	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"		ND					200	
1,1,2-Trichloroethane	ND	5.0	"		ND					200	
1,1-Dichloroethane	ND	5.0	"		ND					200	
1,1-Dichloroethylene	ND	5.0	"		ND					200	
1,1-Dichloropropylene	ND	5.0	"		ND					200	
1,2,3-Trichlorobenzene	ND	5.0	"		ND					200	
1,2,3-Trichloropropane	ND	5.0	"		ND					200	
1,2,4-Trichlorobenzene	ND	5.0	"		ND					200	
1,2,4-Trimethylbenzene	ND	5.0	"		ND					200	
1,2-Dibromo-3-chloropropane	ND	5.0	"		ND					200	
1,2-Dibromoethane	ND	5.0	"		ND					200	
1,2-Dichlorobenzene	ND	5.0	"		ND					200	
1,2-Dichloroethane	ND	5.0	"		ND					200	
1,2-Dichloropropane	ND	5.0	"		ND					200	
1,3,5-Trimethylbenzene	ND	5.0	"		ND					200	
1,3-Dichlorobenzene	ND	5.0	"		ND					200	
1,3-Dichloropropane	ND	5.0	"		ND					200	
1,4-Dichlorobenzene	ND	5.0	"		ND					200	
2,2-Dichloropropane	ND	5.0	"		ND					200	
2-Butanone	ND	5.0	"		ND					200	
2-Chlorotoluene	ND	5.0	"		ND					200	
4-Chlorotoluene	ND	5.0	"		ND					200	
Acetone	ND	5.0	"		ND					200	
Benzene	ND	5.0	"		ND					200	
Bromobenzene	ND	5.0	"		ND					200	
Bromochloromethane	ND	5.0	"		ND					200	
Bromodichloromethane	ND	5.0	"		ND					200	
Bromoform	ND	5.0	"		ND					200	
Bromomethane	ND	5.0	"		ND					200	
Carbon tetrachloride	ND	5.0	"		ND					200	
Chlorobenzene	ND	5.0	"		ND					200	

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 BC40885 - EPA 5030B											
Duplicate (BC40885-DUP1)	*Source sample: 14C0617-07 (Field blank)							Prepared & Analyzed: 03/21/2014			
Chloroethane	ND	5.0	ug/L		ND					200	
Chloroform	ND	5.0	"		ND					200	
Chloromethane	ND	5.0	"		ND					200	
cis-1,2-Dichloroethylene	ND	5.0	"		ND					200	
cis-1,3-Dichloropropylene	ND	5.0	"		ND					200	
Dibromochloromethane	ND	5.0	"		ND					200	
Dibromomethane	ND	5.0	"		ND					200	
Dichlorodifluoromethane	ND	5.0	"		ND					200	
Ethyl Benzene	ND	5.0	"		ND					200	
Hexachlorobutadiene	ND	5.0	"		ND					200	
Isopropylbenzene	ND	5.0	"		ND					200	
Methyl tert-butyl ether (MTBE)	ND	5.0	"		ND					200	
Methylene chloride	ND	5.0	"		ND					200	
Naphthalene	ND	5.0	"		ND					200	
n-Butylbenzene	ND	5.0	"		ND					200	
n-Propylbenzene	ND	5.0	"		ND					200	
o-Xylene	ND	5.0	"		ND					200	
p- & m- Xylenes	ND	10	"		ND					200	
p-Isopropyltoluene	ND	5.0	"		ND					200	
sec-Butylbenzene	ND	5.0	"		ND					200	
Styrene	ND	5.0	"		ND					200	
tert-Butylbenzene	ND	5.0	"		ND					200	
Tetrachloroethylene	ND	5.0	"		ND					200	
Toluene	ND	5.0	"		ND					200	
trans-1,2-Dichloroethylene	ND	5.0	"		ND					200	
trans-1,3-Dichloropropylene	ND	5.0	"		ND					200	
Trichloroethylene	ND	5.0	"		ND					200	
Trichlorofluoromethane	ND	5.0	"		ND					200	
Vinyl Chloride	ND	5.0	"		ND					200	
Xylenes, Total	ND	15	"		ND					200	
Vinyl acetate	ND	5.0	"		ND					200	
Surrogate: 1,2-Dichloroethane-d4	*49.9*		*"*	*50.0*		*99.7*	*81-123*				
Surrogate: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.9*	*70-128*				
Surrogate: Toluene-d8	*50.5*		*"*	*50.0*		*101*	*88-114*				

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 BC40885 - EPA 5030B											
Matrix Spike (BC40885-MS1)	*Source sample: 14C0617-07 (Field blank)						Prepared & Analyzed: 03/21/2014				
1,1,1,2-Tetrachloroethane	48		ug/L	50.0	ND	96.7	81-121				
1,1,1-Trichloroethane	49		"	50.0	ND	98.8	71-121				
1,1,2,2-Tetrachloroethane	53		"	50.0	ND	107	66-138				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0	ND	105	29-167				
1,1,2-Trichloroethane	51		"	50.0	ND	101	74-130				
1,1-Dichloroethane	50		"	50.0	ND	101	66-128				
1,1-Dichloroethylene	53		"	50.0	ND	106	32-164				
1,1-Dichloropropylene	50		"	50.0	ND	100	69-121				
1,2,3-Trichlorobenzene	47		"	50.0	ND	94.6	58-137				
1,2,3-Trichloropropane	51		"	50.0	ND	103	69-129				
1,2,4-Trichlorobenzene	46		"	50.0	ND	92.0	52-138				
1,2,4-Trimethylbenzene	51		"	50.0	ND	103	63-131				
1,2-Dibromo-3-chloropropane	53		"	50.0	ND	107	47-152				
1,2-Dibromoethane	49		"	50.0	ND	98.7	80-123				
1,2-Dichlorobenzene	48		"	50.0	ND	96.1	76-120				
1,2-Dichloroethane	50		"	50.0	ND	99.5	67-124				
1,2-Dichloropropane	50		"	50.0	ND	99.7	72-127				
1,3,5-Trimethylbenzene	50		"	50.0	ND	101	74-123				
1,3-Dichlorobenzene	48		"	50.0	ND	96.1	74-119				
1,3-Dichloropropane	50		"	50.0	ND	99.8	73-128				
1,4-Dichlorobenzene	48		"	50.0	ND	95.2	71-122				
2,2-Dichloropropane	49		"	50.0	ND	97.1	54-119				
2-Butanone	45		"	50.0	ND	90.1	53-133				
2-Chlorotoluene	51		"	50.0	ND	102	65-134				
4-Chlorotoluene	51		"	50.0	ND	102	71-120				
Acetone	44		"	50.0	ND	88.9	27-123				
Benzene	50		"	50.0	ND	100	68-124				
Bromobenzene	52		"	50.0	ND	104	67-132				
Bromochloromethane	52		"	50.0	ND	105	60-130				
Bromodichloromethane	49		"	50.0	ND	97.5	78-123				
Bromoform	47		"	50.0	ND	93.3	75-127				
Bromomethane	39		"	50.0	ND	78.8	17-133				
Carbon tetrachloride	49		"	50.0	ND	97.6	73-119				
Chlorobenzene	49		"	50.0	ND	97.5	83-115				
Chloroethane	54		"	50.0	ND	108	45-134				
Chloroform	49		"	50.0	ND	98.9	74-121				
Chloromethane	42		"	50.0	ND	84.4	22-149				
cis-1,2-Dichloroethylene	50		"	50.0	ND	99.1	72-121				
cis-1,3-Dichloropropylene	47		"	50.0	ND	94.9	67-123				
Dibromochloromethane	47		"	50.0	ND	94.3	84-120				
Dibromomethane	50		"	50.0	ND	99.6	80-118				
Dichlorodifluoromethane	19		"	50.0	ND	37.7	38-142	Low Bias			
Ethyl Benzene	51		"	50.0	ND	101	76-119				
Hexachlorobutadiene	43		"	50.0	ND	86.8	67-131				
Isopropylbenzene	51		"	50.0	ND	103	74-125				
Methyl tert-butyl ether (MTBE)	49		"	50.0	ND	98.4	51-138				
Methylene chloride	42		"	50.0	ND	84.6	46-132				
Naphthalene	54		"	50.0	ND	108	46-141				
n-Butylbenzene	52		"	50.0	ND	104	62-133				
n-Propylbenzene	52		"	50.0	ND	104	62-131				
o-Xylene	51		"	50.0	ND	101	71-123				

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 BC40885 - EPA 5030B											
Matrix Spike (BC40885-MS1)	*Source sample: 14C0617-07 (Field blank)						Prepared & Analyzed: 03/21/2014				
p- & m- Xylenes	100		ug/L	100	ND	101	74-120				
p-Isopropyltoluene	51		"	50.0	ND	101	74-125				
sec-Butylbenzene	51		"	50.0	ND	103	77-123				
Styrene	49		"	50.0	ND	98.0	72-121				
tert-Butylbenzene	51		"	50.0	ND	101	76-124				
Tetrachloroethylene	43		"	50.0	ND	86.7	67-120				
Toluene	50		"	50.0	ND	99.6	80-119				
trans-1,2-Dichloroethylene	51		"	50.0	ND	101	53-137				
trans-1,3-Dichloropropylene	47		"	50.0	ND	94.0	65-124				
Trichloroethylene	48		"	50.0	ND	96.7	81-116				
Trichlorofluoromethane	48		"	50.0	ND	96.1	53-132				
Vinyl Chloride	47		"	50.0	ND	93.7	38-135				
Vinyl acetate	41		"	50.0	ND	81.7	23-135				
Surrogate: 1,2-Dichloroethane-d4	*51.5*		*"*	*50.0*		*103*	*81-123*				
Surrogate: p-Bromofluorobenzene	*48.5*		*"*	*50.0*		*97.0*	*70-128*				
Surrogate: Toluene-d8	*49.9*		*"*	*50.0*		*99.7*	*88-114*				
Batch BC40969 - EPA 5035A											
Blank (BC40969-BLK1)							Prepared & Analyzed: 03/24/2014				
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	3.3	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	2.8	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								

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 BC40969 - EPA 5035A											
Blank (BC40969-BLK1)								Prepared & Analyzed: 03/24/2014			
Bromomethane	ND	5.0	ug/kg wet								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	5.8	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*51.2*		*ug/L*	*50.0*		*102*	*67-130*				
Surrogate: p-Bromofluorobenzene	*49.1*		*"*	*50.0*		*98.2*	*75-127*				
Surrogate: Toluene-d8	*47.9*		*"*	*50.0*		*95.8*	*90-112*				

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 BC40969 - EPA 5035A											
LCS (BC40969-BS1)							Prepared & Analyzed: 03/24/2014				
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		103	72-126				
1,1,1-Trichloroethane	51		"	50.0		102	74-126				
1,1,2,2-Tetrachloroethane	44		"	50.0		87.3	72-133				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		106	47-160				
1,1,2-Trichloroethane	48		"	50.0		96.2	81-124				
1,1-Dichloroethane	52		"	50.0		105	80-125				
1,1-Dichloroethylene	55		"	50.0		110	62-136				
1,1-Dichloropropylene	53		"	50.0		106	81-121				
1,2,3-Trichlorobenzene	49		"	50.0		98.8	63-154				
1,2,3-Trichloropropane	44		"	50.0		88.7	70-126				
1,2,4-Trichlorobenzene	51		"	50.0		103	61-158				
1,2,4-Trimethylbenzene	52		"	50.0		104	83-123				
1,2-Dibromo-3-chloropropane	46		"	50.0		91.7	48-152				
1,2-Dibromoethane	46		"	50.0		92.7	81-123				
1,2-Dichlorobenzene	51		"	50.0		101	81-117				
1,2-Dichloroethane	49		"	50.0		98.4	67-129				
1,2-Dichloropropane	52		"	50.0		104	74-127				
1,3,5-Trimethylbenzene	51		"	50.0		102	81-120				
1,3-Dichlorobenzene	52		"	50.0		104	84-117				
1,3-Dichloropropane	48		"	50.0		96.5	77-125				
1,4-Dichlorobenzene	50		"	50.0		101	85-118				
1,4-Dioxane	100		"	1000		10.2	31-190	Low Bias			
2,2-Dichloropropane	54		"	50.0		108	69-129				
2-Butanone	56		"	50.0		113	58-159				
2-Chlorotoluene	50		"	50.0		101	75-123				
4-Chlorotoluene	52		"	50.0		104	76-121				
Acetone	70		"	50.0		140	32-173				
Benzene	51		"	50.0		101	83-126				
Bromobenzene	49		"	50.0		97.1	70-130				
Bromochloromethane	51		"	50.0		102	73-128				
Bromodichloromethane	53		"	50.0		106	74-126				
Bromoform	47		"	50.0		94.5	63-137				
Bromomethane	63		"	50.0		126	24-144				
Carbon tetrachloride	51		"	50.0		102	68-132				
Chlorobenzene	50		"	50.0		100	87-115				
Chloroethane	63		"	50.0		125	39-146				
Chloroform	51		"	50.0		103	84-120				
Chloromethane	51		"	50.0		102	35-153				
cis-1,2-Dichloroethylene	51		"	50.0		102	86-121				
cis-1,3-Dichloropropylene	51		"	50.0		102	78-122				
Dibromochloromethane	50		"	50.0		101	41-149				
Dibromomethane	49		"	50.0		98.5	82-118				
Dichlorodifluoromethane	41		"	50.0		81.8	52-143				
Ethyl Benzene	52		"	50.0		104	81-118				
Hexachlorobutadiene	55		"	50.0		110	70-133				
Isopropylbenzene	52		"	50.0		104	78-122				
Methyl tert-butyl ether (MTBE)	47		"	50.0		94.1	62-140				
Methylene chloride	48		"	50.0		95.9	48-143				
Naphthalene	47		"	50.0		93.4	55-160				
n-Butylbenzene	55		"	50.0		109	71-142				
n-Propylbenzene	51		"	50.0		102	80-123				

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 BC40969 - EPA 5035A											
LCS (BC40969-BS1)							Prepared & Analyzed: 03/24/2014				
o-Xylene	53		ug/L	50.0		107	81-118				
p- & m- Xylenes	110		"	100		107	80-120				
p-Isopropyltoluene	53		"	50.0		105	83-126				
sec-Butylbenzene	52		"	50.0		104	84-123				
Styrene	53		"	50.0		106	85-115				
tert-Butylbenzene	52		"	50.0		104	78-122				
Tetrachloroethylene	53		"	50.0		106	76-129				
Toluene	54		"	50.0		107	85-116				
trans-1,2-Dichloroethylene	53		"	50.0		106	66-136				
trans-1,3-Dichloropropylene	52		"	50.0		104	71-128				
Trichloroethylene	52		"	50.0		105	83-118				
Trichlorofluoromethane	52		"	50.0		104	54-141				
Vinyl Chloride	51		"	50.0		102	38-147				
Vinyl acetate	44		"	50.0		87.3	67-136				
Surrogate: 1,2-Dichloroethane-d4	*47.5*		*"*	*50.0*		*94.9*	*67-130*				
Surrogate: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.6*	*75-127*				
Surrogate: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*90-112*				
LCS Dup (BC40969-BSD1)							Prepared & Analyzed: 03/24/2014				
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		108	72-126		4.18	30	
1,1,1-Trichloroethane	53		"	50.0		106	74-126		3.91	30	
1,1,2,2-Tetrachloroethane	45		"	50.0		89.6	72-133		2.53	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		111	47-160		5.32	30	
1,1,2-Trichloroethane	50		"	50.0		101	81-124		4.53	30	
1,1-Dichloroethane	54		"	50.0		109	80-125		3.74	30	
1,1-Dichloroethylene	56		"	50.0		111	62-136		0.902	30	
1,1-Dichloropropylene	55		"	50.0		109	81-121		3.12	30	
1,2,3-Trichlorobenzene	50		"	50.0		101	63-154		2.12	30	
1,2,3-Trichloropropane	44		"	50.0		87.8	70-126		1.11	30	
1,2,4-Trichlorobenzene	52		"	50.0		104	61-158		1.49	30	
1,2,4-Trimethylbenzene	48		"	50.0		96.9	83-123		7.03	30	
1,2-Dibromo-3-chloropropane	51		"	50.0		102	48-152		10.9	30	
1,2-Dibromoethane	51		"	50.0		102	81-123		9.49	30	
1,2-Dichlorobenzene	50		"	50.0		99.8	81-117		1.21	30	
1,2-Dichloroethane	53		"	50.0		105	67-129		6.54	30	
1,2-Dichloropropane	53		"	50.0		106	74-127		1.62	30	
1,3,5-Trimethylbenzene	49		"	50.0		97.2	81-120		5.25	30	
1,3-Dichlorobenzene	50		"	50.0		101	84-117		3.42	30	
1,3-Dichloropropane	50		"	50.0		99.3	77-125		2.88	30	
1,4-Dichlorobenzene	52		"	50.0		104	85-118		2.88	30	
1,4-Dioxane	83		"	1000		8.34	31-190	Low Bias	20.1	30	
2,2-Dichloropropane	55		"	50.0		110	69-129		1.60	30	
2-Butanone	63		"	50.0		126	58-159		11.1	30	
2-Chlorotoluene	48		"	50.0		96.0	75-123		4.92	30	
4-Chlorotoluene	50		"	50.0		99.9	76-121		4.18	30	
Acetone	76		"	50.0		152	32-173		8.72	30	
Benzene	53		"	50.0		106	83-126		4.36	30	
Bromobenzene	47		"	50.0		93.7	70-130		3.63	30	
Bromochloromethane	54		"	50.0		108	73-128		5.84	30	
Bromodichloromethane	53		"	50.0		106	74-126		0.132	30	
Bromoform	50		"	50.0		101	63-137		6.65	30	
Bromomethane	62		"	50.0		124	24-144		1.91	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 BC40969 - EPA 5035A											
LCS Dup (BC40969-BSD1)							Prepared & Analyzed: 03/24/2014				
Carbon tetrachloride	53		ug/L	50.0		107	68-132		4.66	30	
Chlorobenzene	51		"	50.0		103	87-115		2.01	30	
Chloroethane	60		"	50.0		120	39-146		4.55	30	
Chloroform	54		"	50.0		107	84-120		4.37	30	
Chloromethane	52		"	50.0		103	35-153		0.759	30	
cis-1,2-Dichloroethylene	53		"	50.0		106	86-121		4.08	30	
cis-1,3-Dichloropropylene	54		"	50.0		107	78-122		4.35	30	
Dibromochloromethane	52		"	50.0		104	41-149		2.94	30	
Dibromomethane	51		"	50.0		101	82-118		2.78	30	
Dichlorodifluoromethane	43		"	50.0		86.5	52-143		5.63	30	
Ethyl Benzene	53		"	50.0		105	81-118		1.55	30	
Hexachlorobutadiene	53		"	50.0		105	70-133		4.66	30	
Isopropylbenzene	49		"	50.0		98.9	78-122		4.80	30	
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	62-140		11.7	30	
Methylene chloride	48		"	50.0		96.9	48-143		0.996	30	
Naphthalene	51		"	50.0		103	55-160		9.41	30	
n-Butylbenzene	52		"	50.0		104	71-142		5.17	30	
n-Propylbenzene	49		"	50.0		97.8	80-123		4.10	30	
o-Xylene	53		"	50.0		106	81-118		0.715	30	
p- & m- Xylenes	100		"	100		105	80-120		1.93	30	
p-Isopropyltoluene	50		"	50.0		101	83-126		4.30	30	
sec-Butylbenzene	49		"	50.0		99.0	84-123		5.20	30	
Styrene	53		"	50.0		106	85-115		0.567	30	
tert-Butylbenzene	50		"	50.0		100	78-122		3.86	30	
Tetrachloroethylene	54		"	50.0		108	76-129		1.86	30	
Toluene	53		"	50.0		107	85-116		0.618	30	
trans-1,2-Dichloroethylene	55		"	50.0		110	66-136		3.90	30	
trans-1,3-Dichloropropylene	52		"	50.0		104	71-128		0.0766	30	
Trichloroethylene	52		"	50.0		105	83-118		0.305	30	
Trichlorofluoromethane	54		"	50.0		108	54-141		4.07	30	
Vinyl Chloride	53		"	50.0		107	38-147		4.32	30	
Vinyl acetate	48		"	50.0		96.8	67-136		10.4	30	
Surrogate: 1,2-Dichloroethane-d4	*48.4*		*"*	*50.0*		*96.8*	*67-130*				
Surrogate: p-Bromofluorobenzene	*47.5*		*"*	*50.0*		*95.0*	*75-127*				
Surrogate: Toluene-d8	*49.1*		*"*	*50.0*		*98.3*	*90-112*				

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 BC40984 - EPA 5035A											
Blank (BC40984-BLK1)											Prepared: 03/24/2014 Analyzed: 03/25/2014
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	3.7	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	3.8	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								

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 BC40984 - EPA 5035A											
Blank (BC40984-BLK1)								Prepared: 03/24/2014 Analyzed: 03/25/2014			
o-Xylene	ND	5.0	ug/kg wet								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*48.1*		*ug/L*	*50.0*		*96.1*	*67-130*				
Surrogate: p-Bromofluorobenzene	*52.0*		*"*	*50.0*		*104*	*75-127*				
Surrogate: Toluene-d8	*51.3*		*"*	*50.0*		*103*	*90-112*				
LCS (BC40984-BS1)								Prepared & Analyzed: 03/24/2014			
1,1,1,2-Tetrachloroethane	53		ug/L	50.0		107	72-126				
1,1,1-Trichloroethane	56		"	50.0		113	74-126				
1,1,2,2-Tetrachloroethane	57		"	50.0		114	72-133				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		104	47-160				
1,1,2-Trichloroethane	57		"	50.0		113	81-124				
1,1-Dichloroethane	58		"	50.0		115	80-125				
1,1-Dichloroethylene	59		"	50.0		118	62-136				
1,1-Dichloropropylene	56		"	50.0		111	81-121				
1,2,3-Trichlorobenzene	52		"	50.0		105	63-154				
1,2,3-Trichloropropane	57		"	50.0		114	70-126				
1,2,4-Trichlorobenzene	52		"	50.0		103	61-158				
1,2,4-Trimethylbenzene	56		"	50.0		111	83-123				
1,2-Dibromo-3-chloropropane	53		"	50.0		106	48-152				
1,2-Dibromoethane	56		"	50.0		111	81-123				
1,2-Dichlorobenzene	57		"	50.0		115	81-117				
1,2-Dichloroethane	58		"	50.0		115	67-129				
1,2-Dichloropropane	56		"	50.0		112	74-127				
1,3,5-Trimethylbenzene	57		"	50.0		114	81-120				
1,3-Dichlorobenzene	54		"	50.0		108	84-117				
1,3-Dichloropropane	57		"	50.0		113	77-125				
1,4-Dichlorobenzene	56		"	50.0		111	85-118				
1,4-Dioxane	960		"	1000		95.6	31-190				
2,2-Dichloropropane	54		"	50.0		109	69-129				
2-Butanone	57		"	50.0		114	58-159				
2-Chlorotoluene	56		"	50.0		113	75-123				
4-Chlorotoluene	57		"	50.0		113	76-121				
Acetone	51		"	50.0		103	32-173				
Benzene	55		"	50.0		110	83-126				
Bromobenzene	61		"	50.0		122	70-130				
Bromochloromethane	59		"	50.0		118	73-128				
Bromodichloromethane	55		"	50.0		111	74-126				
Bromoform	56		"	50.0		112	63-137				

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 BC40984 - EPA 5035A											
LCS (BC40984-BS1)							Prepared & Analyzed: 03/24/2014				
Bromomethane	35		ug/L	50.0		69.5	24-144				
Carbon tetrachloride	57		"	50.0		115	68-132				
Chlorobenzene	56		"	50.0		113	87-115				
Chloroethane	42		"	50.0		83.2	39-146				
Chloroform	57		"	50.0		114	84-120				
Chloromethane	52		"	50.0		103	35-153				
cis-1,2-Dichloroethylene	56		"	50.0		113	86-121				
cis-1,3-Dichloropropylene	57		"	50.0		114	78-122				
Dibromochloromethane	27		"	50.0		54.1	41-149				
Dibromomethane	56		"	50.0		113	82-118				
Dichlorodifluoromethane	28		"	50.0		55.4	52-143				
Ethyl Benzene	57		"	50.0		113	81-118				
Hexachlorobutadiene	57		"	50.0		114	70-133				
Isopropylbenzene	56		"	50.0		111	78-122				
Methyl tert-butyl ether (MTBE)	57		"	50.0		114	62-140				
Methylene chloride	55		"	50.0		110	48-143				
Naphthalene	54		"	50.0		108	55-160				
n-Butylbenzene	56		"	50.0		112	71-142				
n-Propylbenzene	56		"	50.0		112	80-123				
o-Xylene	56		"	50.0		113	81-118				
p- & m- Xylenes	110		"	100		113	80-120				
p-Isopropyltoluene	56		"	50.0		113	83-126				
sec-Butylbenzene	56		"	50.0		112	84-123				
Styrene	57		"	50.0		114	85-115				
tert-Butylbenzene	56		"	50.0		113	78-122				
Tetrachloroethylene	58		"	50.0		116	76-129				
Toluene	56		"	50.0		113	85-116				
trans-1,2-Dichloroethylene	58		"	50.0		115	66-136				
trans-1,3-Dichloropropylene	57		"	50.0		114	71-128				
Trichloroethylene	56		"	50.0		112	83-118				
Trichlorofluoromethane	55		"	50.0		110	54-141				
Vinyl Chloride	41		"	50.0		82.3	38-147				
Vinyl acetate	53		"	50.0		106	67-136				
Surrogate: 1,2-Dichloroethane-d4	*50.6*		*"*	*50.0*		*101*	*67-130*				
Surrogate: p-Bromofluorobenzene	*49.7*		*"*	*50.0*		*99.5*	*75-127*				
Surrogate: Toluene-d8	*50.2*		*"*	*50.0*		*100*	*90-112*				

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 BC40984 - EPA 5035A											
LCS Dup (BC40984-BSD1)								Prepared: 03/24/2014 Analyzed: 03/25/2014			
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		103	72-126		3.21	30	
1,1,1-Trichloroethane	57		"	50.0		115	74-126		1.58	30	
1,1,2,2-Tetrachloroethane	58		"	50.0		116	72-133		1.20	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		105	47-160		1.05	30	
1,1,2-Trichloroethane	55		"	50.0		110	81-124		2.77	30	
1,1-Dichloroethane	57		"	50.0		114	80-125		1.12	30	
1,1-Dichloroethylene	58		"	50.0		116	62-136		1.73	30	
1,1-Dichloropropylene	56		"	50.0		112	81-121		0.646	30	
1,2,3-Trichlorobenzene	50		"	50.0		101	63-154		4.05	30	
1,2,3-Trichloropropane	58		"	50.0		115	70-126		0.926	30	
1,2,4-Trichlorobenzene	50		"	50.0		99.2	61-158		3.82	30	
1,2,4-Trimethylbenzene	55		"	50.0		110	83-123		0.686	30	
1,2-Dibromo-3-chloropropane	57		"	50.0		115	48-152		7.68	30	
1,2-Dibromoethane	57		"	50.0		114	81-123		2.73	30	
1,2-Dichlorobenzene	57		"	50.0		113	81-117		1.44	30	
1,2-Dichloroethane	58		"	50.0		115	67-129		0.0173	30	
1,2-Dichloropropane	56		"	50.0		113	74-127		0.835	30	
1,3,5-Trimethylbenzene	56		"	50.0		112	81-120		2.43	30	
1,3-Dichlorobenzene	53		"	50.0		106	84-117		1.80	30	
1,3-Dichloropropane	58		"	50.0		115	77-125		1.82	30	
1,4-Dichlorobenzene	55		"	50.0		110	85-118		0.668	30	
1,4-Dioxane	990		"	1000		98.9	31-190		3.34	30	
2,2-Dichloropropane	55		"	50.0		109	69-129		0.716	30	
2-Butanone	58		"	50.0		115	58-159		0.714	30	
2-Chlorotoluene	56		"	50.0		112	75-123		0.963	30	
4-Chlorotoluene	56		"	50.0		112	76-121		0.904	30	
Acetone	50		"	50.0		100	32-173		2.24	30	
Benzene	56		"	50.0		112	83-126		1.49	30	
Bromobenzene	52		"	50.0		103	70-130		16.8	30	
Bromochloromethane	59		"	50.0		118	73-128		0.423	30	
Bromodichloromethane	56		"	50.0		111	74-126		0.721	30	
Bromoform	59		"	50.0		118	63-137		4.67	30	
Bromomethane	48		"	50.0		95.0	24-144		31.0	30	Non-dir.
Carbon tetrachloride	57		"	50.0		115	68-132		0.226	30	
Chlorobenzene	56		"	50.0		112	87-115		0.0711	30	
Chloroethane	54		"	50.0		107	39-146		25.1	30	
Chloroform	59		"	50.0		118	84-120		3.16	30	
Chloromethane	52		"	50.0		104	35-153		1.10	30	
cis-1,2-Dichloroethylene	58		"	50.0		115	86-121		2.31	30	
cis-1,3-Dichloropropylene	56		"	50.0		112	78-122		2.42	30	
Dibromochloromethane	7.9		"	50.0		15.9	41-149	Low Bias	109	30	Non-dir.
Dibromomethane	56		"	50.0		112	82-118		0.0711	30	
Dichlorodifluoromethane	48		"	50.0		95.6	52-143		53.2	30	Non-dir.
Ethyl Benzene	57		"	50.0		113	81-118		0.283	30	
Hexachlorobutadiene	52		"	50.0		105	70-133		8.24	30	
Isopropylbenzene	57		"	50.0		115	78-122		3.03	30	
Methyl tert-butyl ether (MTBE)	56		"	50.0		112	62-140		2.12	30	
Methylene chloride	58		"	50.0		115	48-143		4.72	30	
Naphthalene	53		"	50.0		106	55-160		1.93	30	
n-Butylbenzene	56		"	50.0		112	71-142		0.250	30	
n-Propylbenzene	55		"	50.0		110	80-123		1.43	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 BC40984 - EPA 5035A											
LCS Dup (BC40984-BSD1)								Prepared: 03/24/2014 Analyzed: 03/25/2014			
o-Xylene	57		ug/L	50.0		113	81-118		0.654	30	
p- & m- Xylenes	120		"	100		115	80-120		2.21	30	
p-Isopropyltoluene	56		"	50.0		111	83-126		1.57	30	
sec-Butylbenzene	54		"	50.0		109	84-123		2.30	30	
Styrene	58		"	50.0		115	85-115		0.995	30	
tert-Butylbenzene	53		"	50.0		105	78-122		7.00	30	
Tetrachloroethylene	58		"	50.0		116	76-129		0.415	30	
Toluene	57		"	50.0		115	85-116		2.09	30	
trans-1,2-Dichloroethylene	57		"	50.0		115	66-136		0.591	30	
trans-1,3-Dichloropropylene	57		"	50.0		114	71-128		0.176	30	
Trichloroethylene	56		"	50.0		113	83-118		1.34	30	
Trichlorofluoromethane	54		"	50.0		108	54-141		1.91	30	
Vinyl Chloride	54		"	50.0		108	38-147		26.6	30	
Vinyl acetate	53		"	50.0		106	67-136		0.0189	30	
Surrogate: 1,2-Dichloroethane-d4	*49.8*		*"*	*50.0*		*99.7*	*67-130*				
Surrogate: p-Bromofluorobenzene	*49.4*		*"*	*50.0*		*98.8*	*75-127*				
Surrogate: Toluene-d8	*51.0*		*"*	*50.0*		*102*	*90-112*				
Batch BC41025 - EPA 5035A											
Blank (BC41025-BLK1)								Prepared & Analyzed: 03/25/2014			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	2.7	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								

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 BC41025 - EPA 5035A											
Blank (BC41025-BLK1)								Prepared & Analyzed: 03/25/2014			
Bromoform	ND	5.0	ug/kg wet								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	8.6	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*52.2*		*ug/L*	*50.0*		*104*	*67-130*				
Surrogate: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.0*	*75-127*				
Surrogate: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*90-112*				

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 BC41025 - EPA 5035A											
LCS (BC41025-BS1)							Prepared & Analyzed: 03/25/2014				
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		97.5	72-126				
1,1,1-Trichloroethane	49		"	50.0		98.3	74-126				
1,1,2,2-Tetrachloroethane	47		"	50.0		93.0	72-133				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		97.4	47-160				
1,1,2-Trichloroethane	48		"	50.0		96.3	81-124				
1,1-Dichloroethane	51		"	50.0		102	80-125				
1,1-Dichloroethylene	51		"	50.0		102	62-136				
1,1-Dichloropropylene	52		"	50.0		104	81-121				
1,2,3-Trichlorobenzene	50		"	50.0		99.6	63-154				
1,2,3-Trichloropropane	48		"	50.0		95.7	70-126				
1,2,4-Trichlorobenzene	52		"	50.0		104	61-158				
1,2,4-Trimethylbenzene	48		"	50.0		96.8	83-123				
1,2-Dibromo-3-chloropropane	44		"	50.0		88.0	48-152				
1,2-Dibromoethane	47		"	50.0		93.8	81-123				
1,2-Dichlorobenzene	51		"	50.0		101	81-117				
1,2-Dichloroethane	50		"	50.0		101	67-129				
1,2-Dichloropropane	48		"	50.0		95.4	74-127				
1,3,5-Trimethylbenzene	49		"	50.0		98.5	81-120				
1,3-Dichlorobenzene	51		"	50.0		101	84-117				
1,3-Dichloropropane	48		"	50.0		96.6	77-125				
1,4-Dichlorobenzene	51		"	50.0		101	85-118				
1,4-Dioxane	89		"	1000		8.91	31-190	Low Bias			
2,2-Dichloropropane	51		"	50.0		102	69-129				
2-Butanone	50		"	50.0		101	58-159				
2-Chlorotoluene	48		"	50.0		96.7	75-123				
4-Chlorotoluene	48		"	50.0		95.5	76-121				
Acetone	48		"	50.0		96.5	32-173				
Benzene	50		"	50.0		100	83-126				
Bromobenzene	47		"	50.0		94.3	70-130				
Bromochloromethane	50		"	50.0		101	73-128				
Bromodichloromethane	46		"	50.0		91.2	74-126				
Bromoform	43		"	50.0		85.1	63-137				
Bromomethane	56		"	50.0		112	24-144				
Carbon tetrachloride	48		"	50.0		96.4	68-132				
Chlorobenzene	50		"	50.0		99.8	87-115				
Chloroethane	53		"	50.0		106	39-146				
Chloroform	51		"	50.0		102	84-120				
Chloromethane	45		"	50.0		90.0	35-153				
cis-1,2-Dichloroethylene	51		"	50.0		101	86-121				
cis-1,3-Dichloropropylene	47		"	50.0		94.5	78-122				
Dibromochloromethane	47		"	50.0		93.2	41-149				
Dibromomethane	46		"	50.0		91.4	82-118				
Dichlorodifluoromethane	40		"	50.0		79.9	52-143				
Ethyl Benzene	51		"	50.0		102	81-118				
Hexachlorobutadiene	51		"	50.0		101	70-133				
Isopropylbenzene	49		"	50.0		97.1	78-122				
Methyl tert-butyl ether (MTBE)	50		"	50.0		99.4	62-140				
Methylene chloride	44		"	50.0		87.3	48-143				
Naphthalene	51		"	50.0		103	55-160				
n-Butylbenzene	50		"	50.0		100	71-142				
n-Propylbenzene	48		"	50.0		96.2	80-123				

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 BC41025 - EPA 5035A											
LCS (BC41025-BS1)							Prepared & Analyzed: 03/25/2014				
o-Xylene	51		ug/L	50.0		102	81-118				
p- & m- Xylenes	100		"	100		103	80-120				
p-Isopropyltoluene	50		"	50.0		100	83-126				
sec-Butylbenzene	50		"	50.0		99.5	84-123				
Styrene	53		"	50.0		106	85-115				
tert-Butylbenzene	49		"	50.0		98.5	78-122				
Tetrachloroethylene	50		"	50.0		101	76-129				
Toluene	49		"	50.0		97.8	85-116				
trans-1,2-Dichloroethylene	51		"	50.0		101	66-136				
trans-1,3-Dichloropropylene	47		"	50.0		93.3	71-128				
Trichloroethylene	47		"	50.0		94.9	83-118				
Trichlorofluoromethane	49		"	50.0		98.8	54-141				
Vinyl Chloride	47		"	50.0		94.6	38-147				
Vinyl acetate	44		"	50.0		87.7	67-136				
Surrogate: 1,2-Dichloroethane-d4	*48.6*		*"*	*50.0*		*97.2*	*67-130*				
Surrogate: p-Bromofluorobenzene	*46.2*		*"*	*50.0*		*92.4*	*75-127*				
Surrogate: Toluene-d8	*45.6*		*"*	*50.0*		*91.3*	*90-112*				
LCS Dup (BC41025-BSD1)							Prepared & Analyzed: 03/25/2014				
1,1,1,2-Tetrachloroethane	53		ug/L	50.0		106	72-126		8.22	30	
1,1,1-Trichloroethane	51		"	50.0		102	74-126		3.58	30	
1,1,2,2-Tetrachloroethane	48		"	50.0		96.4	72-133		3.53	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48		"	50.0		96.2	47-160		1.24	30	
1,1,2-Trichloroethane	52		"	50.0		103	81-124		7.11	30	
1,1-Dichloroethane	54		"	50.0		107	80-125		4.69	30	
1,1-Dichloroethylene	51		"	50.0		103	62-136		1.23	30	
1,1-Dichloropropylene	55		"	50.0		109	81-121		5.12	30	
1,2,3-Trichlorobenzene	53		"	50.0		105	63-154		5.52	30	
1,2,3-Trichloropropane	50		"	50.0		100	70-126		4.37	30	
1,2,4-Trichlorobenzene	53		"	50.0		106	61-158		2.47	30	
1,2,4-Trimethylbenzene	50		"	50.0		101	83-123		3.89	30	
1,2-Dibromo-3-chloropropane	49		"	50.0		97.9	48-152		10.6	30	
1,2-Dibromoethane	51		"	50.0		102	81-123		8.08	30	
1,2-Dichlorobenzene	52		"	50.0		104	81-117		2.27	30	
1,2-Dichloroethane	54		"	50.0		109	67-129		7.69	30	
1,2-Dichloropropane	51		"	50.0		102	74-127		6.86	30	
1,3,5-Trimethylbenzene	50		"	50.0		101	81-120		2.23	30	
1,3-Dichlorobenzene	52		"	50.0		103	84-117		1.95	30	
1,3-Dichloropropane	53		"	50.0		105	77-125		8.52	30	
1,4-Dichlorobenzene	51		"	50.0		103	85-118		1.53	30	
1,4-Dioxane	96		"	1000		9.63	31-190	Low Bias	7.72	30	
2,2-Dichloropropane	51		"	50.0		103	69-129		1.10	30	
2-Butanone	55		"	50.0		110	58-159		8.72	30	
2-Chlorotoluene	48		"	50.0		96.8	75-123		0.186	30	
4-Chlorotoluene	49		"	50.0		98.5	76-121		3.09	30	
Acetone	42		"	50.0		83.4	32-173		14.5	30	
Benzene	53		"	50.0		107	83-126		6.27	30	
Bromobenzene	49		"	50.0		97.2	70-130		3.05	30	
Bromochloromethane	55		"	50.0		110	73-128		8.99	30	
Bromodichloromethane	48		"	50.0		96.3	74-126		5.46	30	
Bromoform	46		"	50.0		93.0	63-137		8.82	30	
Bromomethane	54		"	50.0		109	24-144		3.11	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 BC41025 - EPA 5035A											
LCS Dup (BC41025-BSD1)							Prepared & Analyzed: 03/25/2014				
Carbon tetrachloride	51		ug/L	50.0		102	68-132		5.37	30	
Chlorobenzene	52		"	50.0		105	87-115		4.77	30	
Chloroethane	51		"	50.0		102	39-146		3.55	30	
Chloroform	52		"	50.0		104	84-120		2.35	30	
Chloromethane	45		"	50.0		90.9	35-153		1.02	30	
cis-1,2-Dichloroethylene	54		"	50.0		108	86-121		5.80	30	
cis-1,3-Dichloropropylene	50		"	50.0		99.6	78-122		5.25	30	
Dibromochloromethane	49		"	50.0		98.2	41-149		5.25	30	
Dibromomethane	50		"	50.0		99.7	82-118		8.66	30	
Dichlorodifluoromethane	40		"	50.0		80.6	52-143		0.847	30	
Ethyl Benzene	53		"	50.0		106	81-118		3.69	30	
Hexachlorobutadiene	52		"	50.0		103	70-133		1.86	30	
Isopropylbenzene	49		"	50.0		98.7	78-122		1.61	30	
Methyl tert-butyl ether (MTBE)	46		"	50.0		93.0	62-140		6.61	30	
Methylene chloride	45		"	50.0		89.5	48-143		2.53	30	
Naphthalene	54		"	50.0		108	55-160		5.28	30	
n-Butylbenzene	52		"	50.0		103	71-142		2.68	30	
n-Propylbenzene	49		"	50.0		97.8	80-123		1.61	30	
o-Xylene	54		"	50.0		108	81-118		5.42	30	
p- & m- Xylenes	110		"	100		107	80-120		3.73	30	
p-Isopropyltoluene	51		"	50.0		102	83-126		2.15	30	
sec-Butylbenzene	51		"	50.0		101	84-123		1.65	30	
Styrene	56		"	50.0		111	85-115		4.51	30	
tert-Butylbenzene	51		"	50.0		101	78-122		2.84	30	
Tetrachloroethylene	53		"	50.0		106	76-129		5.54	30	
Toluene	52		"	50.0		103	85-116		5.41	30	
trans-1,2-Dichloroethylene	37		"	50.0		74.7	66-136		30.2	30	Non-dir.
trans-1,3-Dichloropropylene	51		"	50.0		101	71-128		8.16	30	
Trichloroethylene	50		"	50.0		99.1	83-118		4.31	30	
Trichlorofluoromethane	51		"	50.0		102	54-141		2.93	30	
Vinyl Chloride	48		"	50.0		95.5	38-147		0.863	30	
Vinyl acetate	47		"	50.0		94.3	67-136		7.28	30	
Surrogate: 1,2-Dichloroethane-d4	*49.8*		*"*	*50.0*		*99.5*	*67-130*				
Surrogate: p-Bromofluorobenzene	*45.8*		*"*	*50.0*		*91.6*	*75-127*				
Surrogate: Toluene-d8	*48.0*		*"*	*50.0*		*96.0*	*90-112*				

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 BC40776 - EPA 3550C											
Blank (BC40776-BLK1)								Prepared & Analyzed: 03/20/2014			
Acenaphthene	ND	167	ug/kg wet								
Acenaphthylene	ND	167	"								
Aniline	ND	167	"								
Anthracene	ND	167	"								
Benzo(a)anthracene	ND	167	"								
Benzo(a)pyrene	ND	167	"								
Benzo(b)fluoranthene	ND	167	"								
Benzo(g,h,i)perylene	ND	167	"								
Benzo(k)fluoranthene	ND	167	"								
Benzyl alcohol	ND	167	"								
Benzyl butyl phthalate	ND	167	"								
4-Bromophenyl phenyl ether	ND	167	"								
4-Chloro-3-methylphenol	ND	167	"								
4-Chloroaniline	ND	167	"								
Bis(2-chloroethoxy)methane	ND	167	"								
Bis(2-chloroethyl)ether	ND	167	"								
Bis(2-chloroisopropyl)ether	ND	167	"								
2-Chloronaphthalene	ND	167	"								
2-Chlorophenol	ND	167	"								
4-Chlorophenyl phenyl ether	ND	167	"								
Chrysene	ND	167	"								
Dibenzo(a,h)anthracene	ND	167	"								
Dibenzofuran	ND	167	"								
Di-n-butyl phthalate	ND	167	"								
1,3-Dichlorobenzene	ND	167	"								
1,4-Dichlorobenzene	ND	167	"								
1,2-Dichlorobenzene	ND	167	"								
3,3'-Dichlorobenzidine	ND	333	"								
2,4-Dichlorophenol	ND	167	"								
Diethyl phthalate	ND	167	"								
2,4-Dimethylphenol	ND	167	"								
Dimethyl phthalate	ND	167	"								
4,6-Dinitro-2-methylphenol	ND	167	"								
2,4-Dinitrophenol	ND	333	"								
2,4-Dinitrotoluene	ND	167	"								
2,6-Dinitrotoluene	ND	167	"								
Di-n-octyl phthalate	ND	167	"								
Bis(2-ethylhexyl)phthalate	ND	167	"								
Fluoranthene	ND	167	"								
Fluorene	ND	167	"								
Hexachlorobenzene	ND	167	"								
Hexachlorobutadiene	ND	167	"								
Hexachlorocyclopentadiene	ND	167	"								
Hexachloroethane	ND	167	"								
Indeno(1,2,3-cd)pyrene	ND	167	"								
Isophorone	ND	167	"								
2-Methylnaphthalene	ND	167	"								
2-Methylphenol	ND	167	"								
3- & 4-Methylphenols	ND	167	"								
Naphthalene	ND	167	"								
3-Nitroaniline	ND	167	"								

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 BC40776 - EPA 3550C											
Blank (BC40776-BLK1)							Prepared & Analyzed: 03/20/2014				
2-Nitroaniline	ND	167	ug/kg wet								
4-Nitroaniline	ND	167	"								
Nitrobenzene	ND	167	"								
2-Nitrophenol	ND	167	"								
4-Nitrophenol	ND	167	"								
N-nitroso-di-n-propylamine	ND	167	"								
N-Nitrosodimethylamine	ND	167	"								
N-Nitrosodiphenylamine	ND	167	"								
Pentachlorophenol	ND	167	"								
Phenanthrene	ND	167	"								
Phenol	ND	167	"								
Pyrene	ND	167	"								
Pyridine	ND	167	"								
1,2,4-Trichlorobenzene	ND	167	"								
2,4,6-Trichlorophenol	ND	167	"								
2,4,5-Trichlorophenol	ND	167	"								
Surrogate: 2-Fluorophenol	*1830*		*"*	*2520*		*72.5*	*10-105*				
Surrogate: Phenol-d5	*1890*		*"*	*2520*		*75.1*	*10-118*				
Surrogate: Nitrobenzene-d5	*1130*		*"*	*1700*		*66.3*	*10-140*				
Surrogate: 2-Fluorobiphenyl	*1150*		*"*	*1690*		*67.8*	*10-126*				
Surrogate: 2,4,6-Tribromophenol	*1210*		*"*	*2480*		*48.6*	*10-150*				
Surrogate: Terphenyl-d14	*1130*		*"*	*1690*		*67.1*	*10-137*				
LCS (BC40776-BS1)							Prepared & Analyzed: 03/20/2014				
Acenaphthene	1550	167	ug/kg wet	1670		92.7	17-124				
Acenaphthylene	1460	167	"	1670		87.6	16-124				
Aniline	1620	167	"	1670		97.2	10-111				
Anthracene	1460	167	"	1670		87.3	24-124				
Benzo(a)anthracene	1310	167	"	1670		78.4	25-134				
Benzo(a)pyrene	1590	167	"	1670		95.2	29-144				
Benzo(b)fluoranthene	1710	167	"	1670		102	20-151				
Benzo(g,h,i)perylene	925	167	"	1670		55.5	10-153				
Benzo(k)fluoranthene	1510	167	"	1670		90.7	10-148				
Benzyl alcohol	1530	167	"	1670		91.9	17-128				
Benzyl butyl phthalate	1390	167	"	1670		83.4	10-132				
4-Bromophenyl phenyl ether	1350	167	"	1670		81.2	30-138				
4-Chloro-3-methylphenol	1690	167	"	1670		101	16-138				
4-Chloroaniline	1500	167	"	1670		89.8	10-117				
Bis(2-chloroethoxy)methane	1660	167	"	1670		99.9	10-129				
Bis(2-chloroethyl)ether	1620	167	"	1670		97.2	14-125				
Bis(2-chloroisopropyl)ether	1480	167	"	1670		89.1	14-122				
2-Chloronaphthalene	1590	167	"	1670		95.4	22-115				
2-Chlorophenol	1640	167	"	1670		98.2	25-121				
4-Chlorophenyl phenyl ether	1460	167	"	1670		87.4	18-132				
Chrysene	1500	167	"	1670		90.0	24-116				
Dibenzo(a,h)anthracene	1020	167	"	1670		61.3	17-147				
Dibenzofuran	1540	167	"	1670		92.4	23-123				
Di-n-butyl phthalate	1350	167	"	1670		81.1	19-123				
1,3-Dichlorobenzene	1650	167	"	1670		98.9	32-113				
1,4-Dichlorobenzene	1390	167	"	1670		83.3	28-111				
1,2-Dichlorobenzene	1500	167	"	1670		90.3	26-113				

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 BC40776 - EPA 3550C											
LCS (BC40776-BS1)							Prepared & Analyzed: 03/20/2014				
3,3'-Dichlorobenzidine	1110	333	ug/kg wet	1670		66.3	10-147				
2,4-Dichlorophenol	1570	167	"	1670		94.1	23-133				
Diethyl phthalate	1510	167	"	1670		90.4	23-122				
2,4-Dimethylphenol	1590	167	"	1670		95.2	15-131				
Dimethyl phthalate	1700	167	"	1670		102	28-127				
4,6-Dinitro-2-methylphenol	268	167	"	1670		16.1	10-149				
2,4-Dinitrophenol	ND	333	"	1670			10-149	Low Bias			
2,4-Dinitrotoluene	1750	167	"	1670		105	30-123				
2,6-Dinitrotoluene	1520	167	"	1670		90.9	30-125				
Di-n-octyl phthalate	1520	167	"	1670		91.4	10-132				
Bis(2-ethylhexyl)phthalate	1120	167	"	1670		67.0	10-141				
Fluoranthene	1460	167	"	1670		87.8	36-125				
Fluorene	1490	167	"	1670		89.6	16-130				
Hexachlorobenzene	1620	167	"	1670		97.5	10-129				
Hexachlorobutadiene	1410	167	"	1670		84.6	22-153				
Hexachlorocyclopentadiene	437	167	"	1670		26.2	10-134				
Hexachloroethane	1340	167	"	1670		80.5	20-112				
Indeno(1,2,3-cd)pyrene	1040	167	"	1670		62.4	10-155				
Isophorone	1700	167	"	1670		102	14-131				
2-Methylnaphthalene	1380	167	"	1670		83.0	16-127				
2-Methylphenol	1520	167	"	1670		91.2	10-146				
3- & 4-Methylphenols	1410	167	"	1670		84.6	20-109				
Naphthalene	1500	167	"	1670		89.9	20-121				
3-Nitroaniline	1800	167	"	1670		108	23-123				
2-Nitroaniline	1880	167	"	1670		113	24-126				
4-Nitroaniline	1930	167	"	1670		116	14-125				
Nitrobenzene	1490	167	"	1670		89.7	20-121				
2-Nitrophenol	1310	167	"	1670		78.6	17-129				
4-Nitrophenol	1350	167	"	1670		80.9	10-136				
N-nitroso-di-n-propylamine	1470	167	"	1670		88.3	21-119				
N-Nitrosodimethylamine	1920	167	"	1670		115	10-124				
N-Nitrosodiphenylamine	2170	167	"	1670		130	10-163				
Pentachlorophenol	758	167	"	1670		45.5	10-143				
Phenanthrene	1410	167	"	1670		84.7	24-123				
Phenol	1580	167	"	1670		95.0	15-123				
Pyrene	1460	167	"	1670		87.8	24-132				
Pyridine	1040	167	"	1670		62.6	10-92				
1,2,4-Trichlorobenzene	1570	167	"	1670		94.3	23-130				
2,4,6-Trichlorophenol	1600	167	"	1670		95.8	27-122				
2,4,5-Trichlorophenol	1490	167	"	1670		89.4	14-138				
Surrogate: 2-Fluorophenol	*2500*		*"*	*2520*		*99.4*	*10-105*				
Surrogate: Phenol-d5	*2260*		*"*	*2520*		*89.9*	*10-118*				
Surrogate: Nitrobenzene-d5	*1480*		*"*	*1700*		*87.1*	*10-140*				
Surrogate: 2-Fluorobiphenyl	*1390*		*"*	*1690*		*81.8*	*10-126*				
Surrogate: 2,4,6-Tribromophenol	*1710*		*"*	*2480*		*69.0*	*30-130*				
Surrogate: Terphenyl-d14	*1270*		*"*	*1690*		*74.9*	*10-137*				

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 BC40786 - EPA 3510C											
Blank (BC40786-BLK1)								Prepared & Analyzed: 03/20/2014			
Acenaphthene	ND	5.00	ug/L								
Acenaphthylene	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	5.00	"								
Benzo(a)anthracene	ND	5.00	"								
Benzo(a)pyrene	ND	5.00	"								
Benzo(b)fluoranthene	ND	5.00	"								
Benzo(g,h,i)perylene	ND	5.00	"								
Benzo(k)fluoranthene	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
Chrysene	ND	5.00	"								
Dibenzo(a,h)anthracene	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	5.00	"								
Fluoranthene	ND	5.00	"								
Fluorene	ND	5.00	"								
Hexachlorobenzene	ND	5.00	"								
Hexachlorobutadiene	ND	5.00	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	5.00	"								
Indeno(1,2,3-cd)pyrene	ND	5.00	"								
Isophorone	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
Naphthalene	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC40786 - EPA 3510C											
Blank (BC40786-BLK1)								Prepared & Analyzed: 03/20/2014			
3-Nitroaniline	ND	5.00	ug/L								
2-Nitroaniline	ND	5.00	"								
Nitrobenzene	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodimethylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	5.00	"								
Phenanthrene	ND	5.00	"								
Phenol	ND	5.00	"								
Pyrene	ND	5.00	"								
Pyridine	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
Surrogate: 2-Fluorophenol	*18.7*		*"*	*75.6*		*24.8*	*10-53*				
Surrogate: Phenol-d5	*9.36*		*"*	*75.5*		*12.4*	*10-39*				
Surrogate: Nitrobenzene-d5	*32.7*		*"*	*51.0*		*64.2*	*10-120*				
Surrogate: 2-Fluorobiphenyl	*31.6*		*"*	*50.8*		*62.1*	*10-108*				
Surrogate: 2,4,6-Tribromophenol	*70.4*		*"*	*74.4*		*94.6*	*10-150*				
Surrogate: Terphenyl-d14	*42.9*		*"*	*50.7*		*84.7*	*10-143*				
Blank (BC40786-BLK2)								Prepared & Analyzed: 03/20/2014			
Acenaphthene	ND	10.0	ug/L								
Acenaphthylene	ND	10.0	"								
Aniline	ND	10.0	"								
Anthracene	ND	10.0	"								
Benzo(a)anthracene	ND	10.0	"								
Benzo(a)pyrene	ND	10.0	"								
Benzo(b)fluoranthene	ND	10.0	"								
Benzo(g,h,i)perylene	ND	10.0	"								
Benzo(k)fluoranthene	ND	10.0	"								
Benzyl alcohol	ND	10.0	"								
Benzyl butyl phthalate	ND	10.0	"								
4-Bromophenyl phenyl ether	ND	10.0	"								
4-Chloro-3-methylphenol	ND	10.0	"								
4-Chloroaniline	ND	10.0	"								
Bis(2-chloroethoxy)methane	ND	10.0	"								
Bis(2-chloroethyl)ether	ND	10.0	"								
Bis(2-chloroisopropyl)ether	ND	10.0	"								
2-Chloronaphthalene	ND	10.0	"								
2-Chlorophenol	ND	10.0	"								
4-Chlorophenyl phenyl ether	ND	10.0	"								
Chrysene	ND	10.0	"								
Dibenzo(a,h)anthracene	ND	10.0	"								
Dibenzofuran	ND	10.0	"								
Di-n-butyl phthalate	ND	10.0	"								
1,4-Dichlorobenzene	ND	10.0	"								
1,3-Dichlorobenzene	ND	10.0	"								
1,2-Dichlorobenzene	ND	10.0	"								

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 BC40786 - EPA 3510C											
Blank (BC40786-BLK2)								Prepared & Analyzed: 03/20/2014			
3,3'-Dichlorobenzidine	ND	10.0	ug/L								
2,4-Dichlorophenol	ND	10.0	"								
Diethyl phthalate	ND	10.0	"								
2,4-Dimethylphenol	ND	10.0	"								
Dimethyl phthalate	ND	10.0	"								
4,6-Dinitro-2-methylphenol	ND	10.0	"								
2,4-Dinitrophenol	ND	10.0	"								
2,4-Dinitrotoluene	ND	10.0	"								
2,6-Dinitrotoluene	ND	10.0	"								
Di-n-octyl phthalate	ND	10.0	"								
Bis(2-ethylhexyl)phthalate	ND	10.0	"								
Fluoranthene	ND	10.0	"								
Fluorene	ND	10.0	"								
Hexachlorobenzene	ND	10.0	"								
Hexachlorobutadiene	ND	10.0	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Hexachloroethane	ND	10.0	"								
Indeno(1,2,3-cd)pyrene	ND	10.0	"								
Isophorone	ND	10.0	"								
2-Methylnaphthalene	ND	10.0	"								
2-Methylphenol	ND	10.0	"								
3- & 4-Methylphenols	ND	10.0	"								
Naphthalene	ND	10.0	"								
4-Nitroaniline	ND	10.0	"								
3-Nitroaniline	ND	10.0	"								
2-Nitroaniline	ND	10.0	"								
Nitrobenzene	ND	10.0	"								
4-Nitrophenol	ND	10.0	"								
2-Nitrophenol	ND	10.0	"								
N-nitroso-di-n-propylamine	ND	10.0	"								
N-Nitrosodimethylamine	ND	10.0	"								
N-Nitrosodiphenylamine	ND	10.0	"								
Pentachlorophenol	ND	10.0	"								
Phenanthrene	ND	10.0	"								
Phenol	ND	10.0	"								
Pyrene	ND	10.0	"								
Pyridine	ND	10.0	"								
1,2,4-Trichlorobenzene	ND	10.0	"								
2,4,5-Trichlorophenol	ND	10.0	"								
2,4,6-Trichlorophenol	ND	10.0	"								
Surrogate: 2-Fluorophenol	*58.2*		*"*	*151*		*38.5*	*10-53*				
Surrogate: Phenol-d5	*40.5*		*"*	*151*		*26.8*	*10-39*				
Surrogate: Nitrobenzene-d5	*67.6*		*"*	*102*		*66.3*	*10-120*				
Surrogate: 2-Fluorobiphenyl	*64.0*		*"*	*102*		*63.0*	*10-108*				
Surrogate: 2,4,6-Tribromophenol	*152*		*"*	*149*		*102*	*10-150*				
Surrogate: Terphenyl-d14	*92.1*		*"*	*101*		*90.8*	*10-143*				

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 BC40786 - EPA 3510C											
LCS (BC40786-BS1)							Prepared & Analyzed: 03/20/2014				
Acenaphthene	33.8	5.00	ug/L	50.0		67.6	24-114				
Acenaphthylene	31.3	5.00	"	50.0		62.6	26-112				
Aniline	9.81	5.00	"	50.0		19.6	10-107				
Anthracene	35.8	5.00	"	50.0		71.5	35-114				
Benzo(a)anthracene	40.6	5.00	"	50.0		81.2	38-127				
Benzo(a)pyrene	48.2	5.00	"	50.0		96.4	30-146				
Benzo(b)fluoranthene	43.9	5.00	"	50.0		87.8	36-145				
Benzo(g,h,i)perylene	26.7	5.00	"	50.0		53.3	10-163				
Benzo(k)fluoranthene	38.7	5.00	"	50.0		77.4	16-149				
Benzyl alcohol	15.7	5.00	"	50.0		31.3	18-75				
Benzyl butyl phthalate	41.3	5.00	"	50.0		82.7	28-129				
4-Bromophenyl phenyl ether	40.2	5.00	"	50.0		80.4	38-116				
4-Chloro-3-methylphenol	32.1	5.00	"	50.0		64.1	28-101				
4-Chloroaniline	29.6	5.00	"	50.0		59.1	10-154				
Bis(2-chloroethoxy)methane	31.7	5.00	"	50.0		63.4	27-112				
Bis(2-chloroethyl)ether	28.1	5.00	"	50.0		56.3	24-114				
Bis(2-chloroisopropyl)ether	26.8	5.00	"	50.0		53.6	21-124				
2-Chloronaphthalene	33.8	5.00	"	50.0		67.5	40-96				
2-Chlorophenol	25.0	5.00	"	50.0		50.0	35-84				
4-Chlorophenyl phenyl ether	33.8	5.00	"	50.0		67.7	34-112				
Chrysene	40.6	5.00	"	50.0		81.3	33-120				
Dibenzo(a,h)anthracene	27.8	5.00	"	50.0		55.6	10-149				
Dibenzofuran	36.3	5.00	"	50.0		72.6	42-105				
Di-n-butyl phthalate	33.8	5.00	"	50.0		67.6	36-110				
1,4-Dichlorobenzene	27.7	5.00	"	50.0		55.4	42-82				
1,3-Dichlorobenzene	28.8	5.00	"	50.0		57.6	45-80				
1,2-Dichlorobenzene	29.8	5.00	"	50.0		59.7	42-85				
3,3'-Dichlorobenzidine	44.6	5.00	"	50.0		89.2	25-155				
2,4-Dichlorophenol	34.8	5.00	"	50.0		69.6	43-92				
Diethyl phthalate	37.7	5.00	"	50.0		75.3	38-112				
2,4-Dimethylphenol	28.5	5.00	"	50.0		57.0	25-92				
Dimethyl phthalate	39.7	5.00	"	50.0		79.4	49-106				
4,6-Dinitro-2-methylphenol	11.0	5.00	"	50.0		21.9	10-135				
2,4-Dinitrophenol	9.77	5.00	"	50.0		19.5	10-149				
2,4-Dinitrotoluene	43.3	5.00	"	50.0		86.6	41-114				
2,6-Dinitrotoluene	40.2	5.00	"	50.0		80.4	49-106				
Di-n-octyl phthalate	38.4	5.00	"	50.0		76.8	12-149				
Bis(2-ethylhexyl)phthalate	33.5	5.00	"	50.0		67.1	10-171				
Fluoranthene	38.2	5.00	"	50.0		76.3	33-126				
Fluorene	33.0	5.00	"	50.0		65.9	28-117				
Hexachlorobenzene	31.2	5.00	"	50.0		62.5	27-120				
Hexachlorobutadiene	34.8	5.00	"	50.0		69.6	25-106				
Hexachlorocyclopentadiene	2.87	5.00	"	50.0		5.74	10-99	Low Bias			
Hexachloroethane	23.6	5.00	"	50.0		47.2	33-84				
Indeno(1,2,3-cd)pyrene	28.8	5.00	"	50.0		57.7	10-150				
Isophorone	35.1	5.00	"	50.0		70.2	29-115				
2-Methylnaphthalene	33.7	5.00	"	50.0		67.4	33-101				
2-Methylphenol	15.9	5.00	"	50.0		31.9	10-90				
3- & 4-Methylphenols	15.7	5.00	"	50.0		31.4	10-101				
Naphthalene	29.7	5.00	"	50.0		59.3	30-99				
4-Nitroaniline	38.1	5.00	"	50.0		76.3	15-143				

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 BC40786 - EPA 3510C											
LCS (BC40786-BS1)							Prepared & Analyzed: 03/20/2014				
3-Nitroaniline	32.3	5.00	ug/L	50.0		64.6	29-128				
2-Nitroaniline	38.0	5.00	"	50.0		76.0	31-122				
Nitrobenzene	32.7	5.00	"	50.0		65.4	32-113				
4-Nitrophenol	ND	5.00	"	50.0			10-112	Low Bias			
2-Nitrophenol	33.8	5.00	"	50.0		67.6	37-97				
N-nitroso-di-n-propylamine	29.4	5.00	"	50.0		58.9	36-118				
N-Nitrosodimethylamine	10.5	5.00	"	50.0		21.0	10-63				
N-Nitrosodiphenylamine	41.3	5.00	"	50.0		82.5	27-145				
Pentachlorophenol	31.7	5.00	"	50.0		63.4	19-127				
Phenanthrene	35.4	5.00	"	50.0		70.8	31-112				
Phenol	6.45	5.00	"	50.0		12.9	10-37				
Pyrene	44.8	5.00	"	50.0		89.7	42-125				
Pyridine	6.25	5.00	"	50.0		12.5	10-46				
1,2,4-Trichlorobenzene	34.4	5.00	"	50.0		68.9	35-91				
2,4,5-Trichlorophenol	37.8	5.00	"	50.0		75.6	36-112				
2,4,6-Trichlorophenol	37.4	5.00	"	50.0		74.8	41-107				
Surrogate: 2-Fluorophenol	*22.2*		*"*	*75.6*		*29.3*	*10-53*				
Surrogate: Phenol-d5	*13.3*		*"*	*75.5*		*17.6*	*10-39*				
Surrogate: Nitrobenzene-d5	*40.1*		*"*	*51.0*		*78.6*	*10-120*				
Surrogate: 2-Fluorobiphenyl	*37.3*		*"*	*50.8*		*73.4*	*10-108*				
Surrogate: 2,4,6-Tribromophenol	*85.2*		*"*	*74.4*		*114*	*10-150*				
Surrogate: Terphenyl-d14	*56.3*		*"*	*50.7*		*111*	*10-143*				
LCS Dup (BC40786-BSD1)							Prepared & Analyzed: 03/20/2014				
Acenaphthene	35.9	5.00	ug/L	50.0		71.8	24-114		6.06	20	
Acenaphthylene	33.1	5.00	"	50.0		66.3	26-112		5.68	20	
Aniline	17.6	5.00	"	50.0		35.3	10-107		57.1	20	Non-dir.
Anthracene	37.2	5.00	"	50.0		74.5	35-114		4.03	20	
Benzo(a)anthracene	42.1	5.00	"	50.0		84.2	38-127		3.68	20	
Benzo(a)pyrene	50.2	5.00	"	50.0		100	30-146		4.17	20	
Benzo(b)fluoranthene	51.7	5.00	"	50.0		103	36-145		16.3	20	
Benzo(g,h,i)perylene	28.5	5.00	"	50.0		57.0	10-163		6.67	20	
Benzo(k)fluoranthene	48.4	5.00	"	50.0		96.8	16-149		22.3	20	Non-dir.
Benzyl alcohol	19.2	5.00	"	50.0		38.4	18-75		20.2	20	Non-dir.
Benzyl butyl phthalate	43.8	5.00	"	50.0		87.7	28-129		5.87	20	
4-Bromophenyl phenyl ether	42.1	5.00	"	50.0		84.2	38-116		4.62	20	
4-Chloro-3-methylphenol	35.5	5.00	"	50.0		70.9	28-101		10.1	20	
4-Chloroaniline	48.6	5.00	"	50.0		97.1	10-154		48.7	20	Non-dir.
Bis(2-chloroethoxy)methane	36.1	5.00	"	50.0		72.3	27-112		13.1	20	
Bis(2-chloroethyl)ether	32.4	5.00	"	50.0		64.9	24-114		14.2	20	
Bis(2-chloroisopropyl)ether	30.2	5.00	"	50.0		60.3	21-124		11.9	20	
2-Chloronaphthalene	37.3	5.00	"	50.0		74.7	40-96		10.1	20	
2-Chlorophenol	28.6	5.00	"	50.0		57.2	35-84		13.5	20	
4-Chlorophenyl phenyl ether	34.4	5.00	"	50.0		68.8	34-112		1.55	20	
Chrysene	42.7	5.00	"	50.0		85.5	33-120		5.04	20	
Dibenzo(a,h)anthracene	29.5	5.00	"	50.0		58.9	10-149		5.80	20	
Dibenzofuran	39.2	5.00	"	50.0		78.3	42-105		7.53	20	
Di-n-butyl phthalate	35.1	5.00	"	50.0		70.2	36-110		3.66	20	
1,4-Dichlorobenzene	31.4	5.00	"	50.0		62.8	42-82		12.5	20	
1,3-Dichlorobenzene	32.8	5.00	"	50.0		65.5	45-80		12.8	20	
1,2-Dichlorobenzene	34.0	5.00	"	50.0		68.1	42-85		13.1	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC40786 - EPA 3510C											
LCS Dup (BC40786-BSD1)							Prepared & Analyzed: 03/20/2014				
3,3'-Dichlorobenzidine	47.2	5.00	ug/L	50.0		94.5	25-155		5.73	20	
2,4-Dichlorophenol	39.6	5.00	"	50.0		79.3	43-92		13.0	20	
Diethyl phthalate	38.7	5.00	"	50.0		77.5	38-112		2.77	20	
2,4-Dimethylphenol	32.0	5.00	"	50.0		64.1	25-92		11.8	20	
Dimethyl phthalate	41.0	5.00	"	50.0		82.1	49-106		3.24	20	
4,6-Dinitro-2-methylphenol	16.2	5.00	"	50.0		32.4	10-135		38.8	20	Non-dir.
2,4-Dinitrophenol	15.2	5.00	"	50.0		30.5	10-149		43.7	20	Non-dir.
2,4-Dinitrotoluene	44.9	5.00	"	50.0		89.8	41-114		3.63	20	
2,6-Dinitrotoluene	42.1	5.00	"	50.0		84.3	49-106		4.66	20	
Di-n-octyl phthalate	40.1	5.00	"	50.0		80.2	12-149		4.36	20	
Bis(2-ethylhexyl)phthalate	34.9	5.00	"	50.0		69.7	10-171		3.86	20	
Fluoranthene	39.2	5.00	"	50.0		78.5	33-126		2.76	20	
Fluorene	34.2	5.00	"	50.0		68.4	28-117		3.66	20	
Hexachlorobenzene	32.9	5.00	"	50.0		65.7	27-120		5.09	20	
Hexachlorobutadiene	40.3	5.00	"	50.0		80.6	25-106		14.7	20	
Hexachlorocyclopentadiene	4.81	5.00	"	50.0		9.62	10-99	Low Bias	50.5	20	Non-dir.
Hexachloroethane	27.8	5.00	"	50.0		55.5	33-84		16.1	20	
Indeno(1,2,3-cd)pyrene	30.5	5.00	"	50.0		61.1	10-150		5.73	20	
Isophorone	39.8	5.00	"	50.0		79.6	29-115		12.5	20	
2-Methylnaphthalene	38.4	5.00	"	50.0		76.8	33-101		13.0	20	
2-Methylphenol	19.6	5.00	"	50.0		39.1	10-90		20.4	20	Non-dir.
3- & 4-Methylphenols	17.8	5.00	"	50.0		35.7	10-101		12.7	20	
Naphthalene	33.6	5.00	"	50.0		67.1	30-99		12.3	20	
4-Nitroaniline	42.3	5.00	"	50.0		84.6	15-143		10.4	20	
3-Nitroaniline	ND	5.00	"	50.0			29-128	Low Bias		20	
2-Nitroaniline	40.8	5.00	"	50.0		81.7	31-122		7.18	20	
Nitrobenzene	37.1	5.00	"	50.0		74.2	32-113		12.6	20	
4-Nitrophenol	10.8	5.00	"	50.0		21.7	10-112		200	20	Non-dir.
2-Nitrophenol	39.8	5.00	"	50.0		79.6	37-97		16.2	20	
N-nitroso-di-n-propylamine	33.8	5.00	"	50.0		67.6	36-118		13.7	20	
N-Nitrosodimethylamine	14.1	5.00	"	50.0		28.1	10-63		28.9	20	Non-dir.
N-Nitrosodiphenylamine	42.9	5.00	"	50.0		85.8	27-145		3.90	20	
Pentachlorophenol	33.4	5.00	"	50.0		66.8	19-127		5.25	20	
Phenanthrene	36.6	5.00	"	50.0		73.2	31-112		3.28	20	
Phenol	7.62	5.00	"	50.0		15.2	10-37		16.6	20	
Pyrene	46.9	5.00	"	50.0		93.9	42-125		4.60	20	
Pyridine	7.89	5.00	"	50.0		15.8	10-46		23.2	20	Non-dir.
1,2,4-Trichlorobenzene	39.9	5.00	"	50.0		79.8	35-91		14.6	20	
2,4,5-Trichlorophenol	41.2	5.00	"	50.0		82.5	36-112		8.73	20	
2,4,6-Trichlorophenol	40.6	5.00	"	50.0		81.2	41-107		8.23	20	
Surrogate: 2-Fluorophenol	*23.9*		*"*	*75.6*		*31.6*	*10-53*				
Surrogate: Phenol-d5	*14.6*		*"*	*75.5*		*19.3*	*10-39*				
Surrogate: Nitrobenzene-d5	*44.4*		*"*	*51.0*		*87.0*	*10-120*				
Surrogate: 2-Fluorobiphenyl	*38.6*		*"*	*50.8*		*75.9*	*10-108*				
Surrogate: 2,4,6-Tribromophenol	*85.8*		*"*	*74.4*		*115*	*10-150*				
Surrogate: Terphenyl-d14	*57.6*		*"*	*50.7*		*114*	*10-143*				

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 BC40746 - EPA 3550C											
Blank (BC40746-BLK1)									Prepared: 03/19/2014 Analyzed: 03/20/2014		
Toxaphene	ND	16.7	ug/kg wet								
Methoxychlor	ND	1.65	"								
Heptachlor epoxide	ND	0.330	"								
Heptachlor	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
Endrin ketone	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Dieldrin	ND	0.330	"								
delta-BHC	ND	0.330	"								
Chlordane, total	ND	1.32	"								
beta-BHC	ND	0.330	"								
alpha-BHC	ND	0.330	"								
Aldrin	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
4,4'-DDE	ND	0.330	"								
4,4'-DDD	ND	0.330	"								
Aroclor 1260	ND	17.0	"								
Aroclor 1254	ND	17.0	"								
Aroclor 1248	ND	17.0	"								
Aroclor 1242	ND	17.0	"								
Aroclor 1232	ND	17.0	"								
Aroclor 1221	ND	17.0	"								
Aroclor 1016	ND	17.0	"								
Total PCBs	ND	17.0	"								
Surrogate: Tetrachloro-m-xylene	*55.3*		*"*	*67.7*		*81.7*	*30-140*				
Surrogate: Decachlorobiphenyl	*48.9*		*"*	*71.7*		*68.2*	*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 BC40746 - EPA 3550C											
LCS (BC40746-BS1)								Prepared: 03/19/2014 Analyzed: 03/20/2014			
Methoxychlor	21.6	1.65	ug/kg wet	33.3		64.7	40-140				
Heptachlor epoxide	24.4	0.330	"	33.3		73.3	40-140				
Heptachlor	24.8	0.330	"	33.3		74.5	40-140				
gamma-BHC (Lindane)	25.4	0.330	"	33.3		76.2	40-140				
Endrin ketone	23.9	0.330	"	33.3		71.8	40-140				
Endrin aldehyde	19.4	0.330	"	33.3		58.2	40-140				
Endrin	23.7	0.330	"	33.3		71.2	40-140				
Endosulfan sulfate	23.5	0.330	"	33.3		70.4	40-140				
Endosulfan II	24.2	0.330	"	33.3		72.5	40-140				
Endosulfan I	26.5	0.330	"	33.3		79.4	40-140				
Dieldrin	24.9	0.330	"	33.3		74.6	40-140				
delta-BHC	25.1	0.330	"	33.3		75.4	40-140				
beta-BHC	25.8	0.330	"	33.3		77.4	40-140				
alpha-BHC	26.4	0.330	"	33.3		79.2	40-140				
Aldrin	24.6	0.330	"	33.3		73.8	40-140				
4,4'-DDT	25.7	0.330	"	33.3		77.0	40-140				
4,4'-DDE	25.0	0.330	"	33.3		75.0	40-140				
4,4'-DDD	24.5	0.330	"	33.3		73.6	40-140				
Surrogate: Tetrachloro-m-xylene	*51.1*		*"*	*67.7*		*75.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*48.8*		*"*	*71.7*		*68.1*	*30-140*				
LCS (BC40746-BS2)								Prepared: 03/19/2014 Analyzed: 03/20/2014			
Aroclor 1260	276	17.0	ug/kg wet	333		82.7	40-130				
Aroclor 1016	321	17.0	"	333		96.3	40-130				
Surrogate: Tetrachloro-m-xylene	*43.0*		*"*	*67.7*		*63.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*36.7*		*"*	*71.7*		*51.2*	*30-140*				
LCS Dup (BC40746-BSD1)								Prepared: 03/19/2014 Analyzed: 03/20/2014			
Methoxychlor	21.3	1.65	ug/kg wet	33.3		64.0	40-140		1.09	30	
Heptachlor epoxide	22.7	0.330	"	33.3		68.0	40-140		7.57	30	
Heptachlor	23.2	0.330	"	33.3		69.6	40-140		6.86	30	
gamma-BHC (Lindane)	23.6	0.330	"	33.3		70.8	40-140		7.33	30	
Endrin ketone	23.0	0.330	"	33.3		68.9	40-140		4.11	30	
Endrin aldehyde	18.8	0.330	"	33.3		56.3	40-140		3.32	30	
Endrin	22.2	0.330	"	33.3		66.6	40-140		6.61	30	
Endosulfan sulfate	21.9	0.330	"	33.3		65.8	40-140		6.87	30	
Endosulfan II	23.0	0.330	"	33.3		69.0	40-140		4.95	30	
Endosulfan I	24.3	0.330	"	33.3		72.9	40-140		8.44	30	
Dieldrin	23.2	0.330	"	33.3		69.7	40-140		6.82	30	
delta-BHC	23.5	0.330	"	33.3		70.5	40-140		6.75	30	
beta-BHC	24.2	0.330	"	33.3		72.6	40-140		6.38	30	
alpha-BHC	24.5	0.330	"	33.3		73.6	40-140		7.34	30	
Aldrin	22.9	0.330	"	33.3		68.7	40-140		7.14	30	
4,4'-DDT	27.3	0.330	"	33.3		81.8	40-140		5.92	30	
4,4'-DDE	23.5	0.330	"	33.3		70.4	40-140		6.41	30	
4,4'-DDD	24.3	0.330	"	33.3		73.0	40-140		0.780	30	
Surrogate: Tetrachloro-m-xylene	*48.5*		*"*	*67.7*		*71.6*	*30-140*				
Surrogate: Decachlorobiphenyl	*46.0*		*"*	*71.7*		*64.1*	*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 BC40856 - EPA SW846-3510C Low Level											
Blank (BC40856-BLK1)								Prepared & Analyzed: 03/21/2014			
Toxaphene	ND	0.0500	ug/L								
Methoxychlor	ND	0.00500	"								
Heptachlor epoxide	ND	0.00100	"								
Heptachlor	ND	0.00100	"								
gamma-BHC (Lindane)	ND	0.00100	"								
Endrin ketone	ND	0.00100	"								
Endrin aldehyde	ND	0.00100	"								
Endrin	ND	0.00100	"								
Endosulfan sulfate	ND	0.00100	"								
Endosulfan II	ND	0.00100	"								
Endosulfan I	ND	0.00100	"								
Dieldrin	ND	0.00100	"								
delta-BHC	ND	0.00100	"								
Chlordane, total	ND	0.00400	"								
beta-BHC	ND	0.00100	"								
alpha-BHC	ND	0.00100	"								
Aldrin	ND	0.00100	"								
4,4'-DDT	ND	0.00100	"								
4,4'-DDE	ND	0.00100	"								
4,4'-DDD	ND	0.00100	"								
Aroclor 1260	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1221	ND	0.0500	"								
Aroclor 1016	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0845*		*"*	*0.203*		*41.6*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.107*		*"*	*0.215*		*49.9*	*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 BC40856 - EPA SW846-3510C Low Level											
LCS (BC40856-BS1)							Prepared & Analyzed: 03/21/2014				
Methoxychlor	0.0785	0.00500	ug/L	0.100		78.5	40-120				
Heptachlor epoxide	0.0533	0.00100	"	0.100		53.3	40-120				
Heptachlor	0.0470	0.00100	"	0.100		47.0	40-120				
gamma-BHC (Lindane)	0.0501	0.00100	"	0.100		50.1	40-120				
Endrin ketone	0.0647	0.00100	"	0.100		64.7	40-120				
Endrin aldehyde	0.0588	0.00100	"	0.100		58.8	40-120				
Endrin	0.0581	0.00100	"	0.100		58.1	40-120				
Endosulfan sulfate	0.0668	0.00100	"	0.100		66.8	40-120				
Endosulfan II	0.0594	0.00100	"	0.100		59.4	40-120				
Endosulfan I	0.0565	0.00100	"	0.100		56.5	40-120				
Dieldrin	0.0585	0.00100	"	0.100		58.5	40-120				
delta-BHC	0.0610	0.00100	"	0.100		61.0	40-120				
beta-BHC	0.0555	0.00100	"	0.100		55.5	40-120				
alpha-BHC	0.0498	0.00100	"	0.100		49.8	40-120				
Aldrin	0.0419	0.00100	"	0.100		41.9	40-120				
4,4'-DDT	0.0769	0.00100	"	0.100		76.9	40-120				
4,4'-DDE	0.0556	0.00100	"	0.100		55.6	40-120				
4,4'-DDD	0.0621	0.00100	"	0.100		62.1	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0888*		*"*	*0.203*		*43.7*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.116*		*"*	*0.215*		*54.1*	*30-120*				
LCS (BC40856-BS2)							Prepared & Analyzed: 03/21/2014				
Aroclor 1260	0.787	0.0500	ug/L	1.00		78.7	40-120				
Aroclor 1016	0.711	0.0500	"	1.00		71.1	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0880*		*"*	*0.203*		*43.3*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.116*		*"*	*0.215*		*54.0*	*30-120*				
LCS Dup (BC40856-BSD1)							Prepared & Analyzed: 03/21/2014				
Methoxychlor	0.0857	0.00500	ug/L	0.100		85.7	40-120		8.85	30	
Heptachlor epoxide	0.0631	0.00100	"	0.100		63.1	40-120		16.8	30	
Heptachlor	0.0565	0.00100	"	0.100		56.5	40-120		18.4	30	
gamma-BHC (Lindane)	0.0583	0.00100	"	0.100		58.3	40-120		15.1	30	
Endrin ketone	0.0734	0.00100	"	0.100		73.4	40-120		12.5	30	
Endrin aldehyde	0.0652	0.00100	"	0.100		65.2	40-120		10.3	30	
Endrin	0.0660	0.00100	"	0.100		66.0	40-120		12.7	30	
Endosulfan sulfate	0.0713	0.00100	"	0.100		71.3	40-120		6.50	30	
Endosulfan II	0.0673	0.00100	"	0.100		67.3	40-120		12.4	30	
Endosulfan I	0.0649	0.00100	"	0.100		64.9	40-120		13.9	30	
Dieldrin	0.0675	0.00100	"	0.100		67.5	40-120		14.3	30	
delta-BHC	0.0674	0.00100	"	0.100		67.4	40-120		10.0	30	
beta-BHC	0.0627	0.00100	"	0.100		62.7	40-120		12.2	30	
alpha-BHC	0.0583	0.00100	"	0.100		58.3	40-120		15.9	30	
Aldrin	0.0488	0.00100	"	0.100		48.8	40-120		15.2	30	
4,4'-DDT	0.0856	0.00100	"	0.100		85.6	40-120		10.6	30	
4,4'-DDE	0.0637	0.00100	"	0.100		63.7	40-120		13.5	30	
4,4'-DDD	0.0704	0.00100	"	0.100		70.4	40-120		12.5	30	
Surrogate: Tetrachloro-m-xylene	*0.106*		*"*	*0.203*		*52.2*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.129*		*"*	*0.215*		*60.1*	*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 BC40856 - EPA SW846-3510C Low Level											
LCS Dup (BC40856-BSD2)							Prepared & Analyzed: 03/21/2014				
Aroclor 1260	0.809	0.0500	ug/L	1.00		80.9	40-120		2.83	30	
Aroclor 1016	0.718	0.0500	"	1.00		71.8	40-120		0.980	30	
Surrogate: Tetrachloro-m-xylene	*0.0810*		*"*	*0.203*		*39.9*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.116*		*"*	*0.215*		*54.0*	*30-120*				

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 BC40816 - EPA 3010A											
Blank (BC40816-BLK1)								Prepared & Analyzed: 03/20/2014			
Aluminum	ND	0.010	mg/L								
Antimony	ND	0.005	"								
Arsenic	ND	0.004	"								
Barium	ND	0.010	"								
Beryllium	ND	0.001	"								
Cadmium	ND	0.003	"								
Calcium	ND	0.050	"								
Chromium	ND	0.005	"								
Cobalt	ND	0.005	"								
Copper	ND	0.003	"								
Iron	ND	0.020	"								
Lead	ND	0.003	"								
Magnesium	ND	0.050	"								
Manganese	ND	0.005	"								
Nickel	ND	0.005	"								
Potassium	ND	0.050	"								
Selenium	ND	0.010	"								
Silver	ND	0.005	"								
Sodium	ND	0.100	"								
Thallium	ND	0.005	"								
Vanadium	ND	0.010	"								
Zinc	ND	0.010	"								
Reference (BC40816-SRM1)								Prepared & Analyzed: 03/20/2014			
Aluminum	0.436	0.010	mg/L	0.419		104	75.9-124				
Antimony	0.434	0.005	"	0.435		99.8	69.4-121				
Arsenic	0.321	0.004	"	0.341		94.2	83.3-118				
Barium	1.23	0.010	"	1.18		105	86.4-113				
Beryllium	0.072	0.001	"	0.0749		96.4	83.3-113				
Cadmium	0.082	0.003	"	0.0854		96.1	84.4-115				
Chromium	0.657	0.005	"	0.644		102	87.1-113				
Cobalt	0.367	0.005	"	0.351		104	87.7-112				
Copper	0.512	0.003	"	0.521		98.2	90-110				
Iron	1.54	0.020	"	1.44		107	88.2-113				
Lead	0.530	0.003	"	0.517		103	87-113				
Manganese	1.79	0.005	"	1.73		104	90.2-111				
Nickel	1.49	0.005	"	1.52		97.8	90.1-112				
Selenium	0.345	0.010	"	0.362		95.3	78.7-116				
Silver	0.194	0.005	"	0.210		92.5	85.7-115				
Thallium	0.362	0.005	"	0.358		101	77.9-122				
Vanadium	1.46	0.010	"	1.51		97.0	87.4-112				
Zinc	1.70	0.010	"	1.69		101	85.8-114				

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 BC40816 - EPA 3010A											
Reference (BC40816-SRM2)							Prepared & Analyzed: 03/20/2014				
Calcium	61.6	0.050	mg/L	62.7		98.2	86-114				
Magnesium	28.8	0.050	"	29.0		99.1	86.2-114				
Potassium	33.3	0.050	"	32.4		103	85.2-115				
Sodium	84.5	0.100	"	85.1		99.3	85-115				
Batch BC40820 - EPA 3050B											
Blank (BC40820-BLK1)							Prepared & Analyzed: 03/20/2014				
Aluminum	ND	1.00	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	"								

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 BC40820 - EPA 3050B											
Reference (BC40820-SRM1)							Prepared & Analyzed: 03/20/2014				
Aluminum	6910	1.00	mg/kg wet	8840		78.1	42-158				
Antimony	110	0.500	"	88.2		125	26.3-289				
Arsenic	95.6	1.00	"	99.6		96.0	69.3-131				
Barium	288	1.00	"	310		93.0	74.2-126				
Beryllium	66.8	0.100	"	72.3		92.4	73.8-126				
Cadmium	165	0.300	"	182		90.7	73.6-126				
Calcium	6180	5.00	"	6790		91.0	74.2-126				
Chromium	127	0.500	"	136		93.7	70.4-130				
Cobalt	119	0.500	"	128		93.3	74.1-125				
Copper	101	0.500	"	102		99.4	74.3-126				
Iron	10400	2.00	"	12600		82.9	31-168				
Lead	104	0.300	"	115		90.5	72.1-129				
Magnesium	2600	5.00	"	3010		86.3	66.1-134				
Manganese	306	0.500	"	323		94.6	74.9-125				
Nickel	152	0.500	"	153		99.5	73.2-126				
Potassium	2410	5.00	"	2840		84.7	62-138				
Selenium	144	1.00	"	150		95.8	67.3-133				
Silver	35.0	0.500	"	40.4		86.6	65.8-134				
Sodium	2510	10.0	"	2760		90.8	65.9-134				
Thallium	158	1.00	"	174		91.0	69-132				
Vanadium	87.1	1.00	"	97.6		89.2	65.2-135				
Zinc	147	1.00	"	161		91.5	68.3-132				

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 BC40772 - EPA 7473 water											
Blank (BC40772-BLK1)								Prepared & Analyzed: 03/20/2014			
Mercury	ND	0.00020	mg/L								
Reference (BC40772-SRM1)								Prepared & Analyzed: 03/20/2014			
Mercury	0.00191		mg/kg	0.00230		82.9	61.3-135				
Batch BC40997 - EPA SW846-7471											
Blank (BC40997-BLK1)								Prepared & Analyzed: 03/25/2014			
Mercury	ND	0.0330	mg/kg wet								
LCS (BC40997-BS1)								Prepared & Analyzed: 03/25/2014			
Mercury	3.23		mg/kg	3.73		86.6	67.6-131				

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 BC40706 - Analysis Preparation											
Blank (BC40706-BLK1)								Prepared & Analyzed: 03/19/2014			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BC40706-BS1)								Prepared & Analyzed: 03/19/2014			
Chromium, Hexavalent	0.533	0.0100	mg/L	0.500		107	80-120				
Batch BC40980 - EPA SW846-3060											
Blank (BC40980-BLK1)								Prepared & Analyzed: 03/25/2014			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BC40980-SRM1)								Prepared & Analyzed: 03/25/2014			
Chromium, Hexavalent	93.1		mg/L	125		74.5	20.2-180				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14C0617-01	SP-3 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14C0617-02	SP-3 (13'-15')	40mL Vial with Stir Bar-Cool 4° C
14C0617-03	SP-6 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14C0617-04	SP-6 (13'-15')	40mL Vial with Stir Bar-Cool 4° C
14C0617-05	SP-2 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14C0617-06	SP-2 (13'-15')	40mL Vial with Stir Bar-Cool 4° C
14C0617-07	Field blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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-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.
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
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.

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*	Analyte is not certified or the state (NY) does not offer certification for the Analyte.
ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
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 MDL, with values between the MDL and the RL being "J" flagged as estimated results.

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. 14C0617

YOUR Information

Company: Hydro Tech Env. Corp.
Address: 15 Ocean Avenue, 2nd Floor, Brooklyn, NY
Phone No. 718-636-0800
Contact Person: Paul Matti
E-Mail Address: pmatti@htecorp.info

Report To:

Company:
Address:
Phone No.
Attention:
E-Mail Address:

SAME

Invoice To:

Company: SAME
Address: 77 Arkay Dr, Suite: G, Hauppauge
Phone No. 631-462-5886
Attention: Muslima Ward
E-Mail Address: mward@htecorp.info

YOUR Project ID

140048 - 346 W 40th Street, New York

Purchase Order No.

5870

Samples from: CT___ NY X 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 ____
- 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** X

Compare to the following Regs. (please fill in): Part 375 unrestricted & Commercial SCOs.

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)

Ezgi Karayel
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)
SP-3 (0'-2')	3/18/14	S	8260, 8270, 8081/8082, TAL metals & Chromiums	1-8oz & 1-terra-core kit
SP-3 (13'-15')	↓	↓	↓	↓
SP-6 (0'-2')	↓	↓	↓	↓
SP-6 (13'-15')	↓	↓	↓	↓
SP-2 (0'-2')	↓	↓	↓	↓
SP-2 (13'-15')	↓	↓	↓	↓
Field blank	↓	GW	↓	↓

Comments

"E-designation" Project

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: Hydrotech Fridge — Date/Time: 3/19/14 110 pm

Samples Received By: K Barber — Date/Time: 3/19/14 110 pm

Samples Relinquished By: ____ Date/Time: ____

Samples Received in LAB by: J. [illegible] — Date/Time: 3/19/14-1725

Temperature on Receipt 3.7 °C

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Paul Matli

Report Date: 03/26/2014
Client Project ID: 140048-346 W 40th Street, New York
York Project (SDG) No.: 14C0671

Report Date: 03/26/2014
Client Project ID: 140048-346 W 40th Street, New York
York Project (SDG) No.: 14C0671

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Paul Matli

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 March 20, 2014 and listed below. The project was identified as your project: **140048-346 W 40th Street, New York**.

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
14C0671-01	SP-7 (10-12')	Soil	03/19/2014	03/20/2014
14C0671-02	SP-7 (14-16')	Soil	03/19/2014	03/20/2014

General Notes for York Project (SDG) No.: 14C0671

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:** 03/26/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **SP-7 (10-12')** **York Sample ID:** **14C0671-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0671	140048-346 W 40th Street, New York	Soil	March 19, 2014 3:00 pm	03/20/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	49	98	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
67-64-1	**Acetone**	**8.0**	J, B	ug/kg dry	2.4	9.8	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS

Sample Information

Client Sample ID: **SP-7 (10-12')** **York Sample ID:** **14C0671-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0671	140048-346 W 40th Street, New York	Soil	March 19, 2014 3:00 pm	03/20/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
75-09-2	**Methylene chloride**	**2.9**	J	ug/kg dry	2.4	9.8	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.4	9.8	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.9	9.8	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
108-88-3	Toluene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.3	15	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.4	4.9	1	EPA 8260C	03/21/2014 08:27	03/21/2014 22:46	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.6 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*96.1 %*	*90-112*

Sample Information

Client Sample ID: **SP-7 (10-12')** **York Sample ID:** **14C0671-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0671	140048-346 W 40th Street, New York	Soil	March 19, 2014 3:00 pm	03/20/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
62-53-3	Aniline	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
120-12-7	Anthracene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	103	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	103	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	103	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	103	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
218-01-9	Chrysene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	206	410	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	103	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	103	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	206	410	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	103	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR

Sample Information

Client Sample ID: **SP-7 (10-12')** **York Sample ID:** **14C0671-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0671	140048-346 W 40th Street, New York	Soil	March 19, 2014 3:00 pm	03/20/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
206-44-0	Fluoranthene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
86-73-7	Fluorene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	103	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
78-59-1	Isophorone	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	103	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	103	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
91-20-3	Naphthalene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	103	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	103	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	103	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	103	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	103	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
85-01-8	Phenanthrene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
108-95-2	Phenol	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
129-00-0	Pyrene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
110-86-1	Pyridine	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	51.7	205	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:24	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*52.3 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*52.1 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*57.7 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*53.2 %*	*10-126*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*88.0 %*	*10-150*

Sample Information

Client Sample ID: **SP-7 (10-12')** **York Sample ID:** **14C0671-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0671	140048-346 W 40th Street, New York	Soil	March 19, 2014 3:00 pm	03/20/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	*Surrogate: Terphenyl-d14*	*97.4 %*			*10-137*						

Pesticides/PCBs, EPA 8081/8082 List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	103	103	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 17:56	JW
72-43-5	Methoxychlor	ND		ug/kg dry	10.2	10.2	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 17:56	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 17:56	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 17:56	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 17:56	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 17:56	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 17:56	JW
72-20-8	Endrin	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 17:56	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 17:56	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 17:56	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 17:56	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 17:56	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 17:56	JW
57-74-9	Chlordane, total	ND		ug/kg dry	8.12	8.12	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 17:56	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 17:56	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 17:56	JW
309-00-2	Aldrin	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 17:56	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 17:56	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 17:56	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.03	2.03	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 17:56	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	20.9	20.9	1	EPA 8081B/8082A	03/21/2014 12:30	03/22/2014 12:48	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	20.9	20.9	1	EPA 8081B/8082A	03/21/2014 12:30	03/22/2014 12:48	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	20.9	20.9	1	EPA 8081B/8082A	03/21/2014 12:30	03/22/2014 12:48	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	20.9	20.9	1	EPA 8081B/8082A	03/21/2014 12:30	03/22/2014 12:48	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	20.9	20.9	1	EPA 8081B/8082A	03/21/2014 12:30	03/22/2014 12:48	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	20.9	20.9	1	EPA 8081B/8082A	03/21/2014 12:30	03/22/2014 12:48	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	20.9	20.9	1	EPA 8081B/8082A	03/21/2014 12:30	03/22/2014 12:48	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	8.37	20.9	1	EPA 8081B/8082A	03/21/2014 12:30	03/22/2014 12:48	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.6 %*	*30-140*

Sample Information

Client Sample ID: **SP-7 (10-12')** **York Sample ID:** **14C0671-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0671	140048-346 W 40th Street, New York	Soil	March 19, 2014 3:00 pm	03/20/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8320**		mg/kg dry	1.23	1.23	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7440-36-0	Antimony	ND		mg/kg dry	0.615	0.615	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7440-38-2	**Arsenic**	**4.90**		mg/kg dry	1.23	1.23	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7440-39-3	**Barium**	**35.1**		mg/kg dry	1.23	1.23	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.123	0.123	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.369	0.369	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7440-70-2	**Calcium**	**778**		mg/kg dry	0.615	6.15	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7440-47-3	**Chromium**	**14.9**		mg/kg dry	0.615	0.615	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7440-48-4	**Cobalt**	**5.57**		mg/kg dry	0.615	0.615	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7440-50-8	**Copper**	**13.0**		mg/kg dry	0.615	0.615	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7439-89-6	**Iron**	**26600**		mg/kg dry	2.46	2.46	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7439-92-1	**Lead**	**2.74**		mg/kg dry	0.369	0.369	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7439-95-4	**Magnesium**	**2350**		mg/kg dry	6.15	6.15	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7439-96-5	**Manganese**	**269**		mg/kg dry	0.615	0.615	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7440-02-0	**Nickel**	**9.75**		mg/kg dry	0.615	0.615	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7440-09-7	**Potassium**	**463**		mg/kg dry	6.15	6.15	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7782-49-2	Selenium	ND		mg/kg dry	1.23	1.23	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7440-22-4	Silver	ND		mg/kg dry	0.615	0.615	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7440-23-5	**Sodium**	**151**		mg/kg dry	12.3	12.3	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7440-28-0	Thallium	ND		mg/kg dry	1.23	1.23	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7440-62-2	**Vanadium**	**17.8**		mg/kg dry	1.23	1.23	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW
7440-66-6	**Zinc**	**32.7**		mg/kg dry	1.23	1.23	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:54	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0406	0.0406	1	EPA 7471B	03/25/2014 10:12	03/25/2014 14:55	AA

Sample Information

Client Sample ID: SP-7 (10-12') **York Sample ID:** 14C0671-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0671	140048-346 W 40th Street, New York	Soil	March 19, 2014 3:00 pm	03/20/2014

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.2**		%	0.100	0.100	1	SM 2540G	03/26/2014 08:26	03/26/2014 12:13	ALD

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.431	0.615	1	EPA 7196A	03/26/2014 07:39	03/26/2014 15:36	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**12.1**		mg/kg	0.250	0.500	1	Calculation	03/26/2014 11:18	03/26/2014 15:43	SC

Sample Information

Client Sample ID: SP-7 (14-16') **York Sample ID:** 14C0671-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0671	140048-346 W 40th Street, New York	Soil	March 19, 2014 3:00 pm	03/20/2014

Volatile Organics, 8260 List

Log-in Notes: **Sample Notes:** Rep-01

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS

Sample Information

Client Sample ID: SP-7 (14-16')

York Sample ID: 14C0671-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0671	140048-346 W 40th Street, New York	Soil	March 19, 2014 3:00 pm	03/20/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes: Rep-01

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	4500	8900	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
78-93-3	2-Butanone	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
67-64-1	Acetone	ND		ug/kg dry	220	890	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
71-43-2	Benzene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
108-86-1	Bromobenzene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
75-25-2	Bromoform	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
74-83-9	Bromomethane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
75-00-3	Chloroethane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
67-66-3	Chloroform	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
74-87-3	Chloromethane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
74-95-3	Dibromomethane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
75-09-2	Methylene chloride	ND		ug/kg dry	220	890	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
91-20-3	Naphthalene	ND		ug/kg dry	220	890	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS

Sample Information

Client Sample ID: SP-7 (14-16')

York Sample ID: 14C0671-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0671	140048-346 W 40th Street, New York	Soil	March 19, 2014 3:00 pm	03/20/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes: Rep-01

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
95-47-6	o-Xylene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	450	890	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
100-42-5	Styrene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
108-88-3	Toluene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	670	1300	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	220	450	100	EPA 8260C	03/25/2014 08:02	03/25/2014 17:05	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*90.6 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.7 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*90-112*

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
62-53-3	Aniline	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
120-12-7	Anthracene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	97.5	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	97.5	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR

Sample Information

Client Sample ID: SP-7 (14-16')

York Sample ID: 14C0671-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0671	140048-346 W 40th Street, New York	Soil	March 19, 2014 3:00 pm	03/20/2014

Semi-Volatiles, 8270 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	97.5	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	97.5	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
218-01-9	Chrysene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	194	387	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	97.5	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	97.5	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	194	387	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	97.5	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
206-44-0	Fluoranthene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
86-73-7	Fluorene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	97.5	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
78-59-1	Isophorone	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	97.5	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR

Sample Information

Client Sample ID: **SP-7 (14-16')** **York Sample ID:** **14C0671-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0671	140048-346 W 40th Street, New York	Soil	March 19, 2014 3:00 pm	03/20/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	97.5	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
91-20-3	Naphthalene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	97.5	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	97.5	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	97.5	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	97.5	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	97.5	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
85-01-8	Phenanthrene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
108-95-2	Phenol	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
129-00-0	Pyrene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
110-86-1	Pyridine	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.7	193	1	EPA 8270D	03/21/2014 17:00	03/24/2014 11:55	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*45.3 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*49.7 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*63.0 %*	*10-140*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*52.9 %*	*10-126*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*93.2 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*98.6 %*	*10-137*

Sample Information

Client Sample ID: **SP-7 (14-16')** **York Sample ID:** **14C0671-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0671	140048-346 W 40th Street, New York	Soil	March 19, 2014 3:00 pm	03/20/2014

Pesticides/PCBs, EPA 8081/8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	96.9	96.9	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 18:11	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.58	9.58	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 18:11	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 18:11	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 18:11	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 18:11	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 18:11	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 18:11	JW
72-20-8	Endrin	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 18:11	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 18:11	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 18:11	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 18:11	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 18:11	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 18:11	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.66	7.66	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 18:11	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 18:11	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 18:11	JW
309-00-2	Aldrin	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 18:11	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 18:11	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 18:11	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	03/21/2014 12:30	03/21/2014 18:11	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	03/21/2014 12:30	03/22/2014 13:07	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	03/21/2014 12:30	03/22/2014 13:07	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	03/21/2014 12:30	03/22/2014 13:07	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	03/21/2014 12:30	03/22/2014 13:07	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	03/21/2014 12:30	03/22/2014 13:07	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	03/21/2014 12:30	03/22/2014 13:07	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.7	19.7	1	EPA 8081B/8082A	03/21/2014 12:30	03/22/2014 13:07	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.89	19.7	1	EPA 8081B/8082A	03/21/2014 12:30	03/22/2014 13:07	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.1 %*	*30-140*

Sample Information

Client Sample ID: **SP-7 (14-16')** **York Sample ID:** **14C0671-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0671	140048-346 W 40th Street, New York	Soil	March 19, 2014 3:00 pm	03/20/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8480**		mg/kg dry	1.16	1.16	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7440-36-0	Antimony	ND		mg/kg dry	0.580	0.580	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7440-38-2	**Arsenic**	**3.71**		mg/kg dry	1.16	1.16	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7440-39-3	**Barium**	**85.9**		mg/kg dry	1.16	1.16	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.116	0.116	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.348	0.348	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7440-70-2	**Calcium**	**2190**		mg/kg dry	0.580	5.80	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7440-47-3	**Chromium**	**23.9**		mg/kg dry	0.580	0.580	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7440-48-4	**Cobalt**	**6.15**		mg/kg dry	0.580	0.580	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7440-50-8	**Copper**	**19.7**		mg/kg dry	0.580	0.580	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7439-89-6	**Iron**	**12200**		mg/kg dry	2.32	2.32	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7439-92-1	**Lead**	**5.03**		mg/kg dry	0.348	0.348	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7439-95-4	**Magnesium**	**2140**		mg/kg dry	5.80	5.80	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7439-96-5	**Manganese**	**199**		mg/kg dry	0.580	0.580	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7440-02-0	**Nickel**	**15.4**		mg/kg dry	0.580	0.580	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7440-09-7	**Potassium**	**965**		mg/kg dry	5.80	5.80	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7782-49-2	Selenium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7440-22-4	Silver	ND		mg/kg dry	0.580	0.580	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7440-23-5	**Sodium**	**298**		mg/kg dry	11.6	11.6	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7440-28-0	Thallium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7440-62-2	**Vanadium**	**39.3**		mg/kg dry	1.16	1.16	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW
7440-66-6	**Zinc**	**28.8**		mg/kg dry	1.16	1.16	1	EPA 6010C	03/21/2014 13:44	03/21/2014 21:59	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0383	0.0383	1	EPA 7471B	03/25/2014 10:12	03/25/2014 14:55	AA

Sample Information

Client Sample ID: **SP-7 (14-16')** **York Sample ID:** **14C0671-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0671	140048-346 W 40th Street, New York	Soil	March 19, 2014 3:00 pm	03/20/2014

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.2**		%	0.100	0.100	1	SM 2540G	03/26/2014 08:26	03/26/2014 12:13	ALD

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.406	0.580	1	EPA 7196A	03/26/2014 07:39	03/26/2014 15:36	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**20.6**		mg/kg	0.250	0.500	1	Calculation	03/26/2014 11:18	03/26/2014 15:43	SC

Analytical Batch Summary

Batch ID: BC40851 **Preparation Method:** EPA 3550C **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
14C0671-01	SP-7 (10-12')	03/21/14
14C0671-02	SP-7 (14-16')	03/21/14
BC40851-BLK1	Blank	03/21/14
BC40851-BS1	LCS	03/21/14
BC40851-BS2	LCS	03/21/14
BC40851-BSD1	LCS Dup	03/21/14
BC40851-BSD2	LCS Dup	03/21/14

Batch ID: BC40900 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14C0671-01	SP-7 (10-12')	03/21/14
14C0671-02	SP-7 (14-16')	03/21/14
BC40900-BLK1	Blank	03/21/14
BC40900-SRM1	Reference	03/21/14

Batch ID: BC40904 **Preparation Method:** EPA 3550C **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14C0671-01	SP-7 (10-12')	03/21/14
14C0671-02	SP-7 (14-16')	03/21/14
BC40904-BLK1	Blank	03/21/14
BC40904-BS1	LCS	03/21/14
BC40904-BSD1	LCS Dup	03/21/14

Batch ID: BC40916 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14C0671-01	SP-7 (10-12')	03/21/14
BC40916-BLK1	Blank	03/21/14
BC40916-BS1	LCS	03/21/14
BC40916-BSD1	LCS Dup	03/21/14

Batch ID: BC40997 **Preparation Method:** EPA SW846-7471 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14C0671-01	SP-7 (10-12')	03/25/14
14C0671-02	SP-7 (14-16')	03/25/14
BC40997-BLK1	Blank	03/25/14
BC40997-BS1	LCS	03/25/14

Batch ID: BC41055 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14C0671-01	SP-7 (10-12')	03/26/14
14C0671-02	SP-7 (14-16')	03/26/14
BC41055-BLK1	Blank	03/26/14
BC41055-BLK2	Blank	03/26/14
BC41055-DUP2	Duplicate	03/26/14
BC41055-MS2	Matrix Spike	03/26/14
BC41055-SRM1	Reference	03/26/14
BC41055-SRM2	Reference	03/26/14

Batch ID: BC41061 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14C0671-02	SP-7 (14-16')	03/25/14
BC41061-BLK1	Blank	03/25/14
BC41061-BS1	LCS	03/25/14
BC41061-BSD1	LCS Dup	03/25/14

Batch ID: BC41062 **Preparation Method:** % Solids Prep **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14C0671-01	SP-7 (10-12')	03/26/14
14C0671-02	SP-7 (14-16')	03/26/14

Batch ID: BC41082 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14C0671-01	SP-7 (10-12')	03/26/14
14C0671-02	SP-7 (14-16')	03/26/14

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 BC40916 - EPA 5035A											
Blank (BC40916-BLK1)								Prepared & Analyzed: 03/21/2014			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	4.2	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	3.0	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								

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 BC40916 - EPA 5035A											
Blank (BC40916-BLK1)								Prepared & Analyzed: 03/21/2014			
o-Xylene	ND	5.0	ug/kg wet								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*52.1*		*ug/L*	*50.0*		*104*	*67-130*				
Surrogate: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.7*	*75-127*				
Surrogate: Toluene-d8	*49.1*		*"*	*50.0*		*98.1*	*90-112*				
LCS (BC40916-BS1)								Prepared & Analyzed: 03/21/2014			
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		108	72-126				
1,1,1-Trichloroethane	55		"	50.0		110	74-126				
1,1,2,2-Tetrachloroethane	54		"	50.0		107	72-133				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		107	47-160				
1,1,2-Trichloroethane	53		"	50.0		106	81-124				
1,1-Dichloroethane	52		"	50.0		105	80-125				
1,1-Dichloroethylene	48		"	50.0		97.0	62-136				
1,1-Dichloropropylene	52		"	50.0		103	81-121				
1,2,3-Trichlorobenzene	55		"	50.0		110	63-154				
1,2,3-Trichloropropane	53		"	50.0		106	70-126				
1,2,4-Trichlorobenzene	56		"	50.0		112	61-158				
1,2,4-Trimethylbenzene	54		"	50.0		107	83-123				
1,2-Dibromo-3-chloropropane	59		"	50.0		117	48-152				
1,2-Dibromoethane	54		"	50.0		108	81-123				
1,2-Dichlorobenzene	39		"	50.0		78.3	81-117	Low Bias			
1,2-Dichloroethane	56		"	50.0		112	67-129				
1,2-Dichloropropane	50		"	50.0		99.8	74-127				
1,3,5-Trimethylbenzene	53		"	50.0		106	81-120				
1,3-Dichlorobenzene	53		"	50.0		107	84-117				
1,3-Dichloropropane	53		"	50.0		106	77-125				
1,4-Dichlorobenzene	54		"	50.0		107	85-118				
1,4-Dioxane	1200		"	1000		120	31-190				
2,2-Dichloropropane	55		"	50.0		110	69-129				
2-Butanone	60		"	50.0		119	58-159				
2-Chlorotoluene	51		"	50.0		103	75-123				
4-Chlorotoluene	52		"	50.0		104	76-121				
Acetone	55		"	50.0		110	32-173				
Benzene	54		"	50.0		108	83-126				
Bromobenzene	57		"	50.0		115	70-130				
Bromochloromethane	56		"	50.0		111	73-128				
Bromodichloromethane	53		"	50.0		106	74-126				
Bromoform	60		"	50.0		121	63-137				

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 BC40916 - EPA 5035A											
LCS (BC40916-BS1)							Prepared & Analyzed: 03/21/2014				
Bromomethane	44		ug/L	50.0		88.9	24-144				
Carbon tetrachloride	55		"	50.0		110	68-132				
Chlorobenzene	53		"	50.0		105	87-115				
Chloroethane	45		"	50.0		90.5	39-146				
Chloroform	55		"	50.0		110	84-120				
Chloromethane	39		"	50.0		78.2	35-153				
cis-1,2-Dichloroethylene	53		"	50.0		106	86-121				
cis-1,3-Dichloropropylene	52		"	50.0		104	78-122				
Dibromochloromethane	56		"	50.0		113	41-149				
Dibromomethane	54		"	50.0		108	82-118				
Dichlorodifluoromethane	29		"	50.0		57.9	52-143				
Ethyl Benzene	53		"	50.0		106	81-118				
Hexachlorobutadiene	54		"	50.0		107	70-133				
Isopropylbenzene	52		"	50.0		104	78-122				
Methyl tert-butyl ether (MTBE)	56		"	50.0		112	62-140				
Methylene chloride	52		"	50.0		103	48-143				
Naphthalene	52		"	50.0		103	55-160				
n-Butylbenzene	53		"	50.0		107	71-142				
n-Propylbenzene	52		"	50.0		105	80-123				
o-Xylene	53		"	50.0		106	81-118				
p- & m- Xylenes	110		"	100		110	80-120				
p-Isopropyltoluene	54		"	50.0		108	83-126				
sec-Butylbenzene	53		"	50.0		106	84-123				
Styrene	53		"	50.0		106	85-115				
tert-Butylbenzene	52		"	50.0		105	78-122				
Tetrachloroethylene	53		"	50.0		106	76-129				
Toluene	52		"	50.0		104	85-116				
trans-1,2-Dichloroethylene	51		"	50.0		103	66-136				
trans-1,3-Dichloropropylene	54		"	50.0		108	71-128				
Trichloroethylene	50		"	50.0		101	83-118				
Trichlorofluoromethane	47		"	50.0		93.7	54-141				
Vinyl Chloride	41		"	50.0		82.7	38-147				
Vinyl acetate	49		"	50.0		97.2	67-136				
Surrogate: 1,2-Dichloroethane-d4	*54.2*		*"*	*50.0*		*108*	*67-130*				
Surrogate: p-Bromofluorobenzene	*48.3*		*"*	*50.0*		*96.6*	*75-127*				
Surrogate: Toluene-d8	*47.8*		*"*	*50.0*		*95.7*	*90-112*				

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 BC40916 - EPA 5035A											
LCS Dup (BC40916-BSD1)								Prepared & Analyzed: 03/21/2014			
1,1,1,2-Tetrachloroethane	55		ug/L	50.0		110	72-126		2.16	30	
1,1,1-Trichloroethane	56		"	50.0		113	74-126		2.37	30	
1,1,2,2-Tetrachloroethane	54		"	50.0		107	72-133		0.317	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		112	47-160		4.78	30	
1,1,2-Trichloroethane	54		"	50.0		108	81-124		1.46	30	
1,1-Dichloroethane	53		"	50.0		107	80-125		1.72	30	
1,1-Dichloroethylene	50		"	50.0		101	62-136		3.68	30	
1,1-Dichloropropylene	55		"	50.0		110	81-121		6.31	30	
1,2,3-Trichlorobenzene	55		"	50.0		109	63-154		0.183	30	
1,2,3-Trichloropropane	54		"	50.0		107	70-126		0.975	30	
1,2,4-Trichlorobenzene	55		"	50.0		111	61-158		0.737	30	
1,2,4-Trimethylbenzene	55		"	50.0		110	83-123		2.87	30	
1,2-Dibromo-3-chloropropane	56		"	50.0		112	48-152		4.94	30	
1,2-Dibromoethane	55		"	50.0		110	81-123		2.37	30	
1,2-Dichlorobenzene	58		"	50.0		115	81-117		38.1	30	Non-dir.
1,2-Dichloroethane	4.4		"	50.0		8.86	67-129	Low Bias	171	30	Non-dir.
1,2-Dichloropropane	52		"	50.0		104	74-127		3.87	30	
1,3,5-Trimethylbenzene	55		"	50.0		109	81-120		3.04	30	
1,3-Dichlorobenzene	55		"	50.0		110	84-117		2.61	30	
1,3-Dichloropropane	53		"	50.0		106	77-125		0.490	30	
1,4-Dichlorobenzene	54		"	50.0		108	85-118		0.446	30	
1,4-Dioxane	530		"	1000		53.5	31-190		76.7	30	Non-dir.
2,2-Dichloropropane	56		"	50.0		113	69-129		2.04	30	
2-Butanone	61		"	50.0		122	58-159		2.30	30	
2-Chlorotoluene	53		"	50.0		105	75-123		2.33	30	
4-Chlorotoluene	53		"	50.0		106	76-121		1.33	30	
Acetone	54		"	50.0		109	32-173		1.04	30	
Benzene	56		"	50.0		111	83-126		3.11	30	
Bromobenzene	51		"	50.0		102	70-130		11.7	30	
Bromochloromethane	56		"	50.0		112	73-128		0.627	30	
Bromodichloromethane	54		"	50.0		108	74-126		2.09	30	
Bromoform	60		"	50.0		120	63-137		0.499	30	
Bromomethane	43		"	50.0		86.5	24-144		2.69	30	
Carbon tetrachloride	57		"	50.0		114	68-132		3.76	30	
Chlorobenzene	54		"	50.0		108	87-115		3.13	30	
Chloroethane	47		"	50.0		93.2	39-146		2.98	30	
Chloroform	56		"	50.0		112	84-120		1.76	30	
Chloromethane	41		"	50.0		81.7	35-153		4.43	30	
cis-1,2-Dichloroethylene	54		"	50.0		109	86-121		2.74	30	
cis-1,3-Dichloropropylene	53		"	50.0		106	78-122		2.08	30	
Dibromochloromethane	58		"	50.0		115	41-149		1.95	30	
Dibromomethane	53		"	50.0		106	82-118		2.13	30	
Dichlorodifluoromethane	31		"	50.0		62.2	52-143		7.13	30	
Ethyl Benzene	55		"	50.0		110	81-118		4.03	30	
Hexachlorobutadiene	55		"	50.0		110	70-133		2.19	30	
Isopropylbenzene	54		"	50.0		108	78-122		3.65	30	
Methyl tert-butyl ether (MTBE)	56		"	50.0		112	62-140		0.0179	30	
Methylene chloride	52		"	50.0		105	48-143		1.10	30	
Naphthalene	51		"	50.0		102	55-160		1.01	30	
n-Butylbenzene	55		"	50.0		110	71-142		2.71	30	
n-Propylbenzene	54		"	50.0		108	80-123		3.14	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 BC40916 - EPA 5035A											
LCS Dup (BC40916-BSD1)								Prepared & Analyzed: 03/21/2014			
o-Xylene	55		ug/L	50.0		109	81-118		3.09	30	
p- & m- Xylenes	110		"	100		114	80-120		3.89	30	
p-Isopropyltoluene	55		"	50.0		111	83-126		2.95	30	
sec-Butylbenzene	55		"	50.0		110	84-123		4.27	30	
Styrene	55		"	50.0		109	85-115		3.09	30	
tert-Butylbenzene	54		"	50.0		109	78-122		3.60	30	
Tetrachloroethylene	56		"	50.0		112	76-129		5.52	30	
Toluene	54		"	50.0		107	85-116		3.34	30	
trans-1,2-Dichloroethylene	53		"	50.0		106	66-136		2.98	30	
trans-1,3-Dichloropropylene	55		"	50.0		110	71-128		1.39	30	
Trichloroethylene	53		"	50.0		106	83-118		5.08	30	
Trichlorofluoromethane	48		"	50.0		96.5	54-141		2.92	30	
Vinyl Chloride	43		"	50.0		86.9	38-147		4.98	30	
Vinyl acetate	48		"	50.0		96.8	67-136		0.413	30	
Surrogate: 1,2-Dichloroethane-d4	*52.4*		*"*	*50.0*		*105*	*67-130*				
Surrogate: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.7*	*75-127*				
Surrogate: Toluene-d8	*48.8*		*"*	*50.0*		*97.6*	*90-112*				
Batch BC41061 - EPA 5035A											
Blank (BC41061-BLK1)								Prepared & Analyzed: 03/25/2014			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
1,4-Dioxane	ND	100	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								

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 BC41061 - EPA 5035A											
Blank (BC41061-BLK1)								Prepared & Analyzed: 03/25/2014			
Bromoform	ND	5.0	ug/kg wet								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	4.3	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*47.6*		*ug/L*	*50.0*		*95.3*	*67-130*				
Surrogate: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*75-127*				
Surrogate: Toluene-d8	*52.3*		*"*	*50.0*		*105*	*90-112*				

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 BC41061 - EPA 5035A											
LCS (BC41061-BS1)							Prepared & Analyzed: 03/25/2014				
1,1,1,2-Tetrachloroethane	53		ug/L	50.0		105	72-126				
1,1,1-Trichloroethane	56		"	50.0		113	74-126				
1,1,2,2-Tetrachloroethane	58		"	50.0		117	72-133				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		102	47-160				
1,1,2-Trichloroethane	56		"	50.0		112	81-124				
1,1-Dichloroethane	56		"	50.0		113	80-125				
1,1-Dichloroethylene	57		"	50.0		114	62-136				
1,1-Dichloropropylene	58		"	50.0		117	81-121				
1,2,3-Trichlorobenzene	53		"	50.0		106	63-154				
1,2,3-Trichloropropane	58		"	50.0		115	70-126				
1,2,4-Trichlorobenzene	54		"	50.0		107	61-158				
1,2,4-Trimethylbenzene	56		"	50.0		112	83-123				
1,2-Dibromo-3-chloropropane	55		"	50.0		110	48-152				
1,2-Dibromoethane	56		"	50.0		112	81-123				
1,2-Dichlorobenzene	56		"	50.0		112	81-117				
1,2-Dichloroethane	57		"	50.0		114	67-129				
1,2-Dichloropropane	55		"	50.0		110	74-127				
1,3,5-Trimethylbenzene	57		"	50.0		114	81-120				
1,3-Dichlorobenzene	56		"	50.0		112	84-117				
1,3-Dichloropropane	55		"	50.0		111	77-125				
1,4-Dichlorobenzene	57		"	50.0		113	85-118				
1,4-Dioxane	950		"	1000		95.3	31-190				
2,2-Dichloropropane	57		"	50.0		115	69-129				
2-Butanone	57		"	50.0		115	58-159				
2-Chlorotoluene	55		"	50.0		110	75-123				
4-Chlorotoluene	56		"	50.0		113	76-121				
Acetone	52		"	50.0		105	32-173				
Benzene	56		"	50.0		112	83-126				
Bromobenzene	50		"	50.0		101	70-130				
Bromochloromethane	59		"	50.0		118	73-128				
Bromodichloromethane	56		"	50.0		111	74-126				
Bromoform	57		"	50.0		113	63-137				
Bromomethane	47		"	50.0		93.9	24-144				
Carbon tetrachloride	58		"	50.0		116	68-132				
Chlorobenzene	55		"	50.0		110	87-115				
Chloroethane	53		"	50.0		107	39-146				
Chloroform	57		"	50.0		115	84-120				
Chloromethane	51		"	50.0		102	35-153				
cis-1,2-Dichloroethylene	56		"	50.0		113	86-121				
cis-1,3-Dichloropropylene	55		"	50.0		111	78-122				
Dibromochloromethane	44		"	50.0		87.4	41-149				
Dibromomethane	54		"	50.0		107	82-118				
Dichlorodifluoromethane	45		"	50.0		90.9	52-143				
Ethyl Benzene	55		"	50.0		110	81-118				
Hexachlorobutadiene	54		"	50.0		108	70-133				
Isopropylbenzene	58		"	50.0		116	78-122				
Methyl tert-butyl ether (MTBE)	57		"	50.0		114	62-140				
Methylene chloride	54		"	50.0		108	48-143				
Naphthalene	59		"	50.0		118	55-160				
n-Butylbenzene	56		"	50.0		112	71-142				
n-Propylbenzene	56		"	50.0		113	80-123				

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 BC41061 - EPA 5035A											
LCS (BC41061-BS1)							Prepared & Analyzed: 03/25/2014				
o-Xylene	53		ug/L	50.0		107	81-118				
p- & m- Xylenes	110		"	100		109	80-120				
p-Isopropyltoluene	55		"	50.0		111	83-126				
sec-Butylbenzene	56		"	50.0		112	84-123				
Styrene	56		"	50.0		111	85-115				
tert-Butylbenzene	57		"	50.0		115	78-122				
Tetrachloroethylene	53		"	50.0		105	76-129				
Toluene	54		"	50.0		108	85-116				
trans-1,2-Dichloroethylene	57		"	50.0		114	66-136				
trans-1,3-Dichloropropylene	56		"	50.0		111	71-128				
Trichloroethylene	54		"	50.0		108	83-118				
Trichlorofluoromethane	53		"	50.0		105	54-141				
Vinyl Chloride	52		"	50.0		104	38-147				
Vinyl acetate	53		"	50.0		106	67-136				
Surrogate: 1,2-Dichloroethane-d4	*51.9*		*"*	*50.0*		*104*	*67-130*				
Surrogate: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*75-127*				
Surrogate: Toluene-d8	*49.3*		*"*	*50.0*		*98.6*	*90-112*				
LCS Dup (BC41061-BSD1)							Prepared & Analyzed: 03/25/2014				
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		109	72-126		3.28	30	
1,1,1-Trichloroethane	57		"	50.0		114	74-126		1.50	30	
1,1,2,2-Tetrachloroethane	57		"	50.0		114	72-133		1.99	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		108	47-160		5.27	30	
1,1,2-Trichloroethane	57		"	50.0		114	81-124		1.95	30	
1,1-Dichloroethane	58		"	50.0		116	80-125		2.87	30	
1,1-Dichloroethylene	58		"	50.0		116	62-136		1.87	30	
1,1-Dichloropropylene	58		"	50.0		115	81-121		1.03	30	
1,2,3-Trichlorobenzene	57		"	50.0		114	63-154		7.47	30	
1,2,3-Trichloropropane	60		"	50.0		120	70-126		3.78	30	
1,2,4-Trichlorobenzene	59		"	50.0		118	61-158		9.74	30	
1,2,4-Trimethylbenzene	59		"	50.0		117	83-123		4.85	30	
1,2-Dibromo-3-chloropropane	54		"	50.0		107	48-152		2.90	30	
1,2-Dibromoethane	57		"	50.0		114	81-123		1.61	30	
1,2-Dichlorobenzene	58		"	50.0		116	81-117		3.07	30	
1,2-Dichloroethane	58		"	50.0		116	67-129		1.82	30	
1,2-Dichloropropane	58		"	50.0		117	74-127		6.20	30	
1,3,5-Trimethylbenzene	59		"	50.0		119	81-120		4.03	30	
1,3-Dichlorobenzene	58		"	50.0		116	84-117		3.34	30	
1,3-Dichloropropane	58		"	50.0		116	77-125		4.60	30	
1,4-Dichlorobenzene	59		"	50.0		118	85-118		4.43	30	
1,4-Dioxane	870		"	1000		87.0	31-190		9.10	30	
2,2-Dichloropropane	58		"	50.0		117	69-129		1.61	30	
2-Butanone	54		"	50.0		108	58-159		5.76	30	
2-Chlorotoluene	57		"	50.0		114	75-123		3.72	30	
4-Chlorotoluene	58		"	50.0		117	76-121		3.32	30	
Acetone	51		"	50.0		102	32-173		2.40	30	
Benzene	58		"	50.0		115	83-126		2.37	30	
Bromobenzene	64		"	50.0		128	70-130		23.9	30	
Bromochloromethane	59		"	50.0		118	73-128		0.221	30	
Bromodichloromethane	57		"	50.0		114	74-126		2.63	30	
Bromoform	59		"	50.0		118	63-137		3.94	30	
Bromomethane	48		"	50.0		95.1	24-144		1.25	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 BC41061 - EPA 5035A											
LCS Dup (BC41061-BSD1)								Prepared & Analyzed: 03/25/2014			
Carbon tetrachloride	57		ug/L	50.0		115	68-132		0.973	30	
Chlorobenzene	57		"	50.0		114	87-115		3.82	30	
Chloroethane	52		"	50.0		104	39-146		2.05	30	
Chloroform	58		"	50.0		116	84-120		1.51	30	
Chloromethane	52		"	50.0		105	35-153		2.11	30	
cis-1,2-Dichloroethylene	57		"	50.0		114	86-121		1.39	30	
cis-1,3-Dichloropropylene	58		"	50.0		115	78-122		3.96	30	
Dibromochloromethane	78		"	50.0		156	41-149	High Bias	56.5	30	Non-dir.
Dibromomethane	54		"	50.0		109	82-118		1.30	30	
Dichlorodifluoromethane	46		"	50.0		92.6	52-143		1.83	30	
Ethyl Benzene	57		"	50.0		114	81-118		3.33	30	
Hexachlorobutadiene	58		"	50.0		117	70-133		7.23	30	
Isopropylbenzene	60		"	50.0		120	78-122		3.90	30	
Methyl tert-butyl ether (MTBE)	55		"	50.0		110	62-140		3.69	30	
Methylene chloride	53		"	50.0		107	48-143		1.43	30	
Naphthalene	60		"	50.0		120	55-160		2.12	30	
n-Butylbenzene	62		"	50.0		123	71-142		9.23	30	
n-Propylbenzene	59		"	50.0		118	80-123		4.91	30	
o-Xylene	56		"	50.0		112	81-118		5.15	30	
p- & m- Xylenes	120		"	100		115	80-120		5.07	30	
p-Isopropyltoluene	59		"	50.0		118	83-126		6.68	30	
sec-Butylbenzene	58		"	50.0		117	84-123		3.88	30	
Styrene	59		"	50.0		118	85-115	High Bias	5.88	30	
tert-Butylbenzene	55		"	50.0		111	78-122		3.54	30	
Tetrachloroethylene	56		"	50.0		113	76-129		6.64	30	
Toluene	58		"	50.0		115	85-116		5.98	30	
trans-1,2-Dichloroethylene	58		"	50.0		117	66-136		2.43	30	
trans-1,3-Dichloropropylene	58		"	50.0		116	71-128		4.64	30	
Trichloroethylene	56		"	50.0		112	83-118		3.83	30	
Trichlorofluoromethane	54		"	50.0		108	54-141		2.78	30	
Vinyl Chloride	52		"	50.0		103	38-147		0.732	30	
Vinyl acetate	52		"	50.0		105	67-136		1.57	30	
Surrogate: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.0*		*98.5*	*67-130*				
Surrogate: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*75-127*				
Surrogate: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*90-112*				

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 BC40904 - EPA 3550C											
Blank (BC40904-BLK1)									Prepared: 03/21/2014 Analyzed: 03/24/2014		
Acenaphthene	ND	167	ug/kg wet								
Acenaphthylene	ND	167	"								
Aniline	ND	167	"								
Anthracene	ND	167	"								
Benzo(a)anthracene	ND	167	"								
Benzo(a)pyrene	ND	167	"								
Benzo(b)fluoranthene	ND	167	"								
Benzo(g,h,i)perylene	ND	167	"								
Benzo(k)fluoranthene	ND	167	"								
Benzyl alcohol	ND	167	"								
Benzyl butyl phthalate	ND	167	"								
4-Bromophenyl phenyl ether	ND	167	"								
4-Chloro-3-methylphenol	ND	167	"								
4-Chloroaniline	ND	167	"								
Bis(2-chloroethoxy)methane	ND	167	"								
Bis(2-chloroethyl)ether	ND	167	"								
Bis(2-chloroisopropyl)ether	ND	167	"								
2-Chloronaphthalene	ND	167	"								
2-Chlorophenol	ND	167	"								
4-Chlorophenyl phenyl ether	ND	167	"								
Chrysene	ND	167	"								
Dibenzo(a,h)anthracene	ND	167	"								
Dibenzofuran	ND	167	"								
Di-n-butyl phthalate	ND	167	"								
1,3-Dichlorobenzene	ND	167	"								
1,4-Dichlorobenzene	ND	167	"								
1,2-Dichlorobenzene	ND	167	"								
3,3'-Dichlorobenzidine	ND	333	"								
2,4-Dichlorophenol	ND	167	"								
Diethyl phthalate	ND	167	"								
2,4-Dimethylphenol	ND	167	"								
Dimethyl phthalate	ND	167	"								
4,6-Dinitro-2-methylphenol	ND	167	"								
2,4-Dinitrophenol	ND	333	"								
2,4-Dinitrotoluene	ND	167	"								
2,6-Dinitrotoluene	ND	167	"								
Di-n-octyl phthalate	ND	167	"								
Bis(2-ethylhexyl)phthalate	ND	167	"								
Fluoranthene	ND	167	"								
Fluorene	ND	167	"								
Hexachlorobenzene	ND	167	"								
Hexachlorobutadiene	ND	167	"								
Hexachlorocyclopentadiene	ND	167	"								
Hexachloroethane	ND	167	"								
Indeno(1,2,3-cd)pyrene	ND	167	"								
Isophorone	ND	167	"								
2-Methylnaphthalene	ND	167	"								
2-Methylphenol	ND	167	"								
3- & 4-Methylphenols	ND	167	"								
Naphthalene	ND	167	"								
3-Nitroaniline	ND	167	"								

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 BC40904 - EPA 3550C											
Blank (BC40904-BLK1)								Prepared: 03/21/2014 Analyzed: 03/24/2014			
2-Nitroaniline	ND	167	ug/kg wet								
4-Nitroaniline	ND	167	"								
Nitrobenzene	ND	167	"								
2-Nitrophenol	ND	167	"								
4-Nitrophenol	ND	167	"								
N-nitroso-di-n-propylamine	ND	167	"								
N-Nitrosodimethylamine	ND	167	"								
N-Nitrosodiphenylamine	ND	167	"								
Pentachlorophenol	ND	167	"								
Phenanthrene	ND	167	"								
Phenol	ND	167	"								
Pyrene	ND	167	"								
Pyridine	ND	167	"								
1,2,4-Trichlorobenzene	ND	167	"								
2,4,6-Trichlorophenol	ND	167	"								
2,4,5-Trichlorophenol	ND	167	"								
Surrogate: 2-Fluorophenol	*1360*		*"*	*2520*		*54.1*	*10-105*				
Surrogate: Phenol-d5	*1440*		*"*	*2520*		*57.1*	*10-118*				
Surrogate: Nitrobenzene-d5	*1140*		*"*	*1700*		*66.9*	*10-140*				
Surrogate: 2-Fluorobiphenyl	*1140*		*"*	*1690*		*67.3*	*10-126*				
Surrogate: 2,4,6-Tribromophenol	*2210*		*"*	*2480*		*89.0*	*10-150*				
Surrogate: Terphenyl-d14	*1840*		*"*	*1690*		*109*	*10-137*				
LCS (BC40904-BS1)								Prepared: 03/21/2014 Analyzed: 03/24/2014			
Acenaphthene	1460	167	ug/kg wet	1670		87.6	17-124				
Acenaphthylene	1400	167	"	1670		84.0	16-124				
Aniline	1160	167	"	1670		69.7	10-111				
Anthracene	1590	167	"	1670		95.4	24-124				
Benzo(a)anthracene	1520	167	"	1670		91.5	25-134				
Benzo(a)pyrene	1970	167	"	1670		118	29-144				
Benzo(b)fluoranthene	2300	167	"	1670		138	20-151				
Benzo(g,h,i)perylene	1830	167	"	1670		110	10-153				
Benzo(k)fluoranthene	1540	167	"	1670		92.7	10-148				
Benzyl alcohol	1220	167	"	1670		73.5	17-128				
Benzyl butyl phthalate	1240	167	"	1670		74.4	10-132				
4-Bromophenyl phenyl ether	1780	167	"	1670		107	30-138				
4-Chloro-3-methylphenol	1370	167	"	1670		82.2	16-138				
4-Chloroaniline	1850	167	"	1670		111	10-117				
Bis(2-chloroethoxy)methane	1270	167	"	1670		76.4	10-129				
Bis(2-chloroethyl)ether	1310	167	"	1670		78.7	14-125				
Bis(2-chloroisopropyl)ether	1250	167	"	1670		75.0	14-122				
2-Chloronaphthalene	1340	167	"	1670		80.4	22-115				
2-Chlorophenol	1280	167	"	1670		76.8	25-121				
4-Chlorophenyl phenyl ether	1720	167	"	1670		103	18-132				
Chrysene	1460	167	"	1670		87.4	24-116				
Dibenzo(a,h)anthracene	1980	167	"	1670		119	17-147				
Dibenzofuran	1410	167	"	1670		84.8	23-123				
Di-n-butyl phthalate	1570	167	"	1670		94.3	19-123				
1,3-Dichlorobenzene	1260	167	"	1670		75.7	32-113				
1,4-Dichlorobenzene	1290	167	"	1670		77.3	28-111				
1,2-Dichlorobenzene	1270	167	"	1670		76.1	26-113				

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 BC40904 - EPA 3550C											
LCS (BC40904-BS1)								Prepared: 03/21/2014 Analyzed: 03/24/2014			
3,3'-Dichlorobenzidine	1940	333	ug/kg wet	1670		116	10-147				
2,4-Dichlorophenol	1400	167	"	1670		84.0	23-133				
Diethyl phthalate	1480	167	"	1670		88.7	23-122				
2,4-Dimethylphenol	1240	167	"	1670		74.2	15-131				
Dimethyl phthalate	1460	167	"	1670		87.8	28-127				
4,6-Dinitro-2-methylphenol	1750	167	"	1670		105	10-149				
2,4-Dinitrophenol	1380	333	"	1670		82.8	10-149				
2,4-Dinitrotoluene	1440	167	"	1670		86.7	30-123				
2,6-Dinitrotoluene	1570	167	"	1670		94.0	30-125				
Di-n-octyl phthalate	1620	167	"	1670		97.3	10-132				
Bis(2-ethylhexyl)phthalate	1300	167	"	1670		77.8	10-141				
Fluoranthene	1670	167	"	1670		100	36-125				
Fluorene	1600	167	"	1670		96.3	16-130				
Hexachlorobenzene	1590	167	"	1670		95.2	10-129				
Hexachlorobutadiene	1550	167	"	1670		93.1	22-153				
Hexachlorocyclopentadiene	1470	167	"	1670		88.3	10-134				
Hexachloroethane	1320	167	"	1670		79.0	20-112				
Indeno(1,2,3-cd)pyrene	2020	167	"	1670		121	10-155				
Isophorone	1430	167	"	1670		85.7	14-131				
2-Methylnaphthalene	1400	167	"	1670		84.3	16-127				
2-Methylphenol	1180	167	"	1670		70.7	10-146				
3- & 4-Methylphenols	1290	167	"	1670		77.4	20-109				
Naphthalene	1320	167	"	1670		79.0	20-121				
3-Nitroaniline	1620	167	"	1670		97.4	23-123				
2-Nitroaniline	1390	167	"	1670		83.4	24-126				
4-Nitroaniline	1170	167	"	1670		70.1	14-125				
Nitrobenzene	1430	167	"	1670		85.7	20-121				
2-Nitrophenol	1320	167	"	1670		79.5	17-129				
4-Nitrophenol	1530	167	"	1670		91.7	10-136				
N-nitroso-di-n-propylamine	1430	167	"	1670		85.7	21-119				
N-Nitrosodimethylamine	965	167	"	1670		57.9	10-124				
N-Nitrosodiphenylamine	2040	167	"	1670		123	10-163				
Pentachlorophenol	1660	167	"	1670		99.4	10-143				
Phenanthrene	1610	167	"	1670		96.5	24-123				
Phenol	1110	167	"	1670		66.5	15-123				
Pyrene	1360	167	"	1670		81.7	24-132				
Pyridine	934	167	"	1670		56.0	10-92				
1,2,4-Trichlorobenzene	1400	167	"	1670		84.0	23-130				
2,4,6-Trichlorophenol	1470	167	"	1670		88.0	27-122				
2,4,5-Trichlorophenol	1340	167	"	1670		80.2	14-138				
Surrogate: 2-Fluorophenol	*1450*		*"*	*2520*		*57.7*	*10-105*				
Surrogate: Phenol-d5	*1550*		*"*	*2520*		*61.6*	*10-118*				
Surrogate: Nitrobenzene-d5	*1310*		*"*	*1700*		*77.0*	*10-140*				
Surrogate: 2-Fluorobiphenyl	*1260*		*"*	*1690*		*74.2*	*10-126*				
Surrogate: 2,4,6-Tribromophenol	*2970*		*"*	*2480*		*120*	*30-130*				
Surrogate: Terphenyl-d14	*1430*		*"*	*1690*		*84.7*	*10-137*				

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 BC40904 - EPA 3550C											
LCS Dup (BC40904-BSD1)								Prepared: 03/21/2014 Analyzed: 03/24/2014			
Acenaphthene	1510	167	ug/kg wet	1670		90.5	17-124		3.28	30	
Acenaphthylene	1460	167	"	1670		87.7	16-124		4.31	30	
Aniline	1300	167	"	1670		77.7	10-111		10.9	30	
Anthracene	1620	167	"	1670		97.4	24-124		2.05	30	
Benzo(a)anthracene	1510	167	"	1670		90.4	25-134		1.23	30	
Benzo(a)pyrene	1970	167	"	1670		118	29-144		0.0507	30	
Benzo(b)fluoranthene	2370	167	"	1670		142	20-151		2.77	30	
Benzo(g,h,i)perylene	1880	167	"	1670		113	10-153		2.71	30	
Benzo(k)fluoranthene	1510	167	"	1670		90.8	10-148		2.07	30	
Benzyl alcohol	1320	167	"	1670		79.5	17-128		7.90	30	
Benzyl butyl phthalate	1210	167	"	1670		72.9	10-132		2.04	30	
4-Bromophenyl phenyl ether	1920	167	"	1670		115	30-138		7.53	30	
4-Chloro-3-methylphenol	1480	167	"	1670		89.0	16-138		7.92	30	
4-Chloroaniline	1650	167	"	1670		99.3	10-117		11.3	30	
Bis(2-chloroethoxy)methane	1320	167	"	1670		79.3	10-129		3.78	30	
Bis(2-chloroethyl)ether	1380	167	"	1670		82.8	14-125		5.13	30	
Bis(2-chloroisopropyl)ether	1360	167	"	1670		81.7	14-122		8.60	30	
2-Chloronaphthalene	1360	167	"	1670		81.6	22-115		1.48	30	
2-Chlorophenol	1360	167	"	1670		81.9	25-121		6.43	30	
4-Chlorophenyl phenyl ether	1870	167	"	1670		112	18-132		8.02	30	
Chrysene	1400	167	"	1670		84.2	24-116		3.73	30	
Dibenzo(a,h)anthracene	1950	167	"	1670		117	17-147		1.41	30	
Dibenzofuran	1470	167	"	1670		88.3	23-123		4.07	30	
Di-n-butyl phthalate	1600	167	"	1670		96.1	19-123		1.85	30	
1,3-Dichlorobenzene	1350	167	"	1670		81.1	32-113		6.94	30	
1,4-Dichlorobenzene	1350	167	"	1670		81.0	28-111		4.67	30	
1,2-Dichlorobenzene	1370	167	"	1670		82.2	26-113		7.74	30	
3,3'-Dichlorobenzidine	1840	333	"	1670		111	10-147		5.15	30	
2,4-Dichlorophenol	1430	167	"	1670		86.1	23-133		2.42	30	
Diethyl phthalate	1570	167	"	1670		94.0	23-122		5.78	30	
2,4-Dimethylphenol	1280	167	"	1670		76.7	15-131		3.37	30	
Dimethyl phthalate	1520	167	"	1670		91.2	28-127		3.87	30	
4,6-Dinitro-2-methylphenol	1950	167	"	1670		117	10-149		10.8	30	
2,4-Dinitrophenol	1360	333	"	1670		81.6	10-149		1.44	30	
2,4-Dinitrotoluene	1430	167	"	1670		85.6	30-123		1.23	30	
2,6-Dinitrotoluene	1620	167	"	1670		97.0	30-125		3.18	30	
Di-n-octyl phthalate	1620	167	"	1670		96.9	10-132		0.453	30	
Bis(2-ethylhexyl)phthalate	1250	167	"	1670		75.3	10-141		3.27	30	
Fluoranthene	1710	167	"	1670		103	36-125		2.36	30	
Fluorene	1740	167	"	1670		104	16-130		8.00	30	
Hexachlorobenzene	1770	167	"	1670		106	10-129		11.0	30	
Hexachlorobutadiene	1700	167	"	1670		102	22-153		9.18	30	
Hexachlorocyclopentadiene	1640	167	"	1670		98.1	10-134		10.5	30	
Hexachloroethane	1460	167	"	1670		87.5	20-112		10.2	30	
Indeno(1,2,3-cd)pyrene	2040	167	"	1670		122	10-155		1.02	30	
Isophorone	1510	167	"	1670		90.5	14-131		5.52	30	
2-Methylnaphthalene	1420	167	"	1670		85.4	16-127		1.25	30	
2-Methylphenol	1230	167	"	1670		73.7	10-146		4.10	30	
3- & 4-Methylphenols	1390	167	"	1670		83.6	20-109		7.65	30	
Naphthalene	1400	167	"	1670		83.9	20-121		6.01	30	
3-Nitroaniline	1650	167	"	1670		98.9	23-123		1.47	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 BC40904 - EPA 3550C											
LCS Dup (BC40904-BSD1)								Prepared: 03/21/2014 Analyzed: 03/24/2014			
2-Nitroaniline	1350	167	ug/kg wet	1670		80.8	24-126		3.14	30	
4-Nitroaniline	1240	167	"	1670		74.1	14-125		5.66	30	
Nitrobenzene	1440	167	"	1670		86.7	20-121		1.09	30	
2-Nitrophenol	1320	167	"	1670		78.9	17-129		0.732	30	
4-Nitrophenol	1630	167	"	1670		98.0	10-136		6.64	30	
N-nitroso-di-n-propylamine	1620	167	"	1670		97.4	21-119		12.8	30	
N-Nitrosodimethylamine	1060	167	"	1670		63.4	10-124		9.13	30	
N-Nitrosodiphenylamine	2020	167	"	1670		121	10-163		1.31	30	
Pentachlorophenol	1730	167	"	1670		104	10-143		4.08	30	
Phenanthrene	1680	167	"	1670		101	24-123		4.20	30	
Phenol	1250	167	"	1670		74.7	15-123		11.7	30	
Pyrene	1320	167	"	1670		79.5	24-132		2.78	30	
Pyridine	986	167	"	1670		59.2	10-92		5.42	30	
1,2,4-Trichlorobenzene	1460	167	"	1670		87.6	23-130		4.22	30	
2,4,6-Trichlorophenol	1530	167	"	1670		91.6	27-122		4.01	30	
2,4,5-Trichlorophenol	1460	167	"	1670		87.8	14-138		9.02	30	
Surrogate: 2-Fluorophenol	*1820*		*"*	*2520*		*72.1*	*10-105*				
Surrogate: Phenol-d5	*1670*		*"*	*2520*		*66.5*	*10-118*				
Surrogate: Nitrobenzene-d5	*1390*		*"*	*1700*		*81.6*	*10-140*				
Surrogate: 2-Fluorobiphenyl	*1340*		*"*	*1690*		*79.1*	*10-126*				
Surrogate: 2,4,6-Tribromophenol	*3260*		*"*	*2480*		*131*	*30-130*				
Surrogate: Terphenyl-d14	*1400*		*"*	*1690*		*82.9*	*10-137*				

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 BC40851 - EPA 3550C											
Blank (BC40851-BLK1)								Prepared & Analyzed: 03/21/2014			
Toxaphene	ND	16.7	ug/kg wet								
Methoxychlor	ND	1.65	"								
Heptachlor epoxide	ND	0.330	"								
Heptachlor	ND	0.330	"								
gamma-BHC (Lindane)	ND	0.330	"								
Endrin ketone	ND	0.330	"								
Endrin aldehyde	ND	0.330	"								
Endrin	ND	0.330	"								
Endosulfan sulfate	ND	0.330	"								
Endosulfan II	ND	0.330	"								
Endosulfan I	ND	0.330	"								
Dieldrin	ND	0.330	"								
delta-BHC	ND	0.330	"								
Chlordane, total	ND	1.32	"								
beta-BHC	ND	0.330	"								
alpha-BHC	ND	0.330	"								
Aldrin	ND	0.330	"								
4,4'-DDT	ND	0.330	"								
4,4'-DDE	ND	0.330	"								
4,4'-DDD	ND	0.330	"								
Aroclor 1260	ND	17.0	"								
Aroclor 1254	ND	17.0	"								
Aroclor 1248	ND	17.0	"								
Aroclor 1242	ND	17.0	"								
Aroclor 1232	ND	17.0	"								
Aroclor 1221	ND	17.0	"								
Aroclor 1016	ND	17.0	"								
Total PCBs	ND	17.0	"								
Surrogate: Tetrachloro-m-xylene	*45.8*		*"*	*67.7*		*67.7*	*30-140*				
Surrogate: Decachlorobiphenyl	*46.4*		*"*	*71.7*		*64.8*	*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 BC40851 - EPA 3550C											
LCS (BC40851-BS1)								Prepared: 03/21/2014 Analyzed: 03/24/2014			
Methoxychlor	28.7	1.65	ug/kg wet	33.3		86.0	40-140				
Heptachlor epoxide	28.4	0.330	"	33.3		85.3	40-140				
Heptachlor	28.9	0.330	"	33.3		86.6	40-140				
gamma-BHC (Lindane)	29.2	0.330	"	33.3		87.6	40-140				
Endrin ketone	30.6	0.330	"	33.3		91.9	40-140				
Endrin aldehyde	24.1	0.330	"	33.3		72.2	40-140				
Endrin	26.8	0.330	"	33.3		80.4	40-140				
Endosulfan sulfate	29.7	0.330	"	33.3		89.0	40-140				
Endosulfan II	29.0	0.330	"	33.3		87.1	40-140				
Endosulfan I	30.7	0.330	"	33.3		92.0	40-140				
Dieldrin	29.6	0.330	"	33.3		88.9	40-140				
delta-BHC	32.2	0.330	"	33.3		96.7	40-140				
beta-BHC	31.6	0.330	"	33.3		94.8	40-140				
alpha-BHC	30.6	0.330	"	33.3		91.7	40-140				
Aldrin	30.5	0.330	"	33.3		91.6	40-140				
4,4'-DDT	35.3	0.330	"	33.3		106	40-140				
4,4'-DDE	29.3	0.330	"	33.3		87.8	40-140				
4,4'-DDD	28.4	0.330	"	33.3		85.1	40-140				
Surrogate: Tetrachloro-m-xylene	*54.0*		*"*	*67.7*		*79.8*	*30-140*				
Surrogate: Decachlorobiphenyl	*52.3*		*"*	*71.7*		*72.9*	*30-140*				
LCS (BC40851-BS2)								Prepared: 03/21/2014 Analyzed: 03/24/2014			
Aroclor 1260	278	17.0	ug/kg wet	333		83.4	40-130				
Aroclor 1016	336	17.0	"	333		101	40-130				
Surrogate: Tetrachloro-m-xylene	*53.7*		*"*	*67.7*		*79.3*	*30-140*				
Surrogate: Decachlorobiphenyl	*40.0*		*"*	*71.7*		*55.8*	*30-140*				
LCS Dup (BC40851-BSD1)								Prepared: 03/21/2014 Analyzed: 03/24/2014			
Methoxychlor	29.4	1.65	ug/kg wet	33.3		88.3	40-140		2.63	30	
Heptachlor epoxide	28.1	0.330	"	33.3		84.2	40-140		1.29	30	
Heptachlor	28.5	0.330	"	33.3		85.5	40-140		1.25	30	
gamma-BHC (Lindane)	28.6	0.330	"	33.3		85.7	40-140		2.21	30	
Endrin ketone	30.8	0.330	"	33.3		92.3	40-140		0.523	30	
Endrin aldehyde	25.0	0.330	"	33.3		75.0	40-140		3.82	30	
Endrin	26.7	0.330	"	33.3		80.1	40-140		0.305	30	
Endosulfan sulfate	29.7	0.330	"	33.3		89.1	40-140		0.0977	30	
Endosulfan II	29.1	0.330	"	33.3		87.3	40-140		0.316	30	
Endosulfan I	30.6	0.330	"	33.3		91.7	40-140		0.293	30	
Dieldrin	29.7	0.330	"	33.3		89.1	40-140		0.266	30	
delta-BHC	31.9	0.330	"	33.3		95.6	40-140		1.17	30	
beta-BHC	31.1	0.330	"	33.3		93.2	40-140		1.75	30	
alpha-BHC	29.8	0.330	"	33.3		89.3	40-140		2.63	30	
Aldrin	30.0	0.330	"	33.3		89.9	40-140		1.83	30	
4,4'-DDT	35.8	0.330	"	33.3		107	40-140		1.27	30	
4,4'-DDE	28.6	0.330	"	33.3		85.9	40-140		2.17	30	
4,4'-DDD	28.2	0.330	"	33.3		84.5	40-140		0.754	30	
Surrogate: Tetrachloro-m-xylene	*54.1*		*"*	*67.7*		*79.9*	*30-140*				
Surrogate: Decachlorobiphenyl	*52.4*		*"*	*71.7*		*73.2*	*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 BC40851 - EPA 3550C											
LCS Dup (BC40851-BSD2)								Prepared: 03/21/2014 Analyzed: 03/24/2014			
Aroclor 1260	276	17.0	ug/kg wet	333		82.8	40-130		0.746	25	
Aroclor 1016	331	17.0	"	333		99.2	40-130		1.60	25	
Surrogate: Tetrachloro-m-xylene	*53.0*		*"*	*67.7*		*78.3*	*30-140*				
Surrogate: Decachlorobiphenyl	*40.0*		*"*	*71.7*		*55.8*	*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 BC40900 - EPA 3050B											
Blank (BC40900-BLK1)								Prepared & Analyzed: 03/21/2014			
Aluminum	ND	1.00	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 (BC40900-SRM1)								Prepared & Analyzed: 03/21/2014			
Aluminum	6960	1.00	mg/kg wet	8840		78.7	42-158				
Antimony	103	0.500	"	88.2		117	26.3-289				
Arsenic	97.3	1.00	"	99.6		97.7	69.3-131				
Barium	298	1.00	"	310		96.0	74.2-126				
Beryllium	69.2	0.100	"	72.3		95.7	73.8-126				
Cadmium	170	0.300	"	182		93.6	73.6-126				
Calcium	6220	5.00	"	6790		91.6	74.2-126				
Chromium	131	0.500	"	136		96.4	70.4-130				
Cobalt	123	0.500	"	128		95.9	74.1-125				
Copper	108	0.500	"	102		106	74.3-126				
Iron	10700	2.00	"	12600		84.9	31-168				
Lead	106	0.300	"	115		91.8	72.1-129				
Magnesium	2630	5.00	"	3010		87.4	66.1-134				
Manganese	311	0.500	"	323		96.4	74.9-125				
Nickel	160	0.500	"	153		105	73.2-126				
Potassium	2470	5.00	"	2840		87.0	62-138				
Selenium	147	1.00	"	150		98.1	67.3-133				
Silver	36.1	0.500	"	40.4		89.5	65.8-134				
Sodium	2990	10.0	"	2760		108	65.9-134				
Thallium	161	1.00	"	174		92.7	69-132				
Vanadium	90.2	1.00	"	97.6		92.5	65.2-135				
Zinc	149	1.00	"	161		92.3	68.3-132				

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 BC40997 - EPA SW846-7471											
Blank (BC40997-BLK1)								Prepared & Analyzed: 03/25/2014			
Mercury	ND	0.0330	mg/kg wet								
LCS (BC40997-BS1)								Prepared & Analyzed: 03/25/2014			
Mercury	3.23		mg/kg	3.73		86.6	67.6-131				

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 BC41055 - EPA SW846-3060											
Blank (BC41055-BLK1)								Prepared & Analyzed: 03/26/2014			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Blank (BC41055-BLK2)								Prepared & Analyzed: 03/26/2014			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BC41055-DUP2)	*Source sample: 14C0671-02 (SP-7 (14-16'))							Prepared & Analyzed: 03/26/2014			
Chromium, Hexavalent	ND	0.580	mg/kg dry		ND					35	
Matrix Spike (BC41055-MS2)	*Source sample: 14C0671-02 (SP-7 (14-16'))							Prepared & Analyzed: 03/26/2014			
Chromium, Hexavalent	ND	0.580	mg/kg dry	23.2	ND		75-125	Low Bias			
Reference (BC41055-SRM1)								Prepared & Analyzed: 03/26/2014			
Chromium, Hexavalent	134		mg/L	125		107	20.2-180				
Reference (BC41055-SRM2)								Prepared & Analyzed: 03/26/2014			
Chromium, Hexavalent	118		mg/L	125		94.4	20.2-180				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14C0671-01	SP-7 (10-12')	40mL Vial with Stir Bar-Cool 4° C
14C0671-02	SP-7 (14-16')	40mL Vial with Stir Bar-Cool 4° C

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
Rep-01	The Reporting Limit for this analyte has been raised to account for matrix interference.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-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.

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*	Analyte is not certified or the state (NY) does not offer certification for the Analyte.
ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
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 MDL, with values between the MDL and the RL being "J" flagged as estimated results.

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. 14C0671

YOUR Information	Report To:	Invoice To:
Company: Hydro Tech Env. Corp.	Company:	Company: SAME
Address: 15 Ocean Avenue, 2nd Floor, Brooklyn, NY	Address:	Address: 77 Arkay Drive, Ste: G, Hauppauge, NY
Phone No. 718-636-0300	Phone No.	Phone No. 631-462-5366
Contact Person: Paul Matli	Attention:	Attention: Melissa Ward
E-Mail Address: pmatli@htecorp.info	E-Mail Address:	E-Mail Address: mward@htecorp.info

SAME

YOUR Project ID: 140048 - 346 W 40th Street, New York

Purchase Order No.: 5871

Samples from: CT___ NY X NJ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) X

Report Type
- Summary Report ____
- Summary w/ QA Summary ____
- CT RCP Package ____
- CTRCP DQA/DUE Pkg ____
- NY ASP A Package ____
- 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 X
Compare to the following Regs. (please fill in):
Part 375 Unrestricted & Commercial SCOs

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)

Ezgi Karayel
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)
SP-7 (10'-12')	3/19/14	S	8260, 8270, 8081/8082, TAL metals & chromiums	1-8oz jar & 1-terra core kit
SP-7 (14'-16')	↓	↓	" " " "	↓ ↓

Comments
E-designation project

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 3/20/14 1210 pm
Samples Relinquished By — Date/Time
Samples Received By — Date/Time K Barker 3/20/14 1210 pm
Samples Received in LAB by — Date/Time E Schreck 3/20/14 1720

Temperature on Receipt 3.6 °C

APPENDIX-I

LABORATORY DATA DELIVERABLES FOR GROUNDWATER ANALYTICAL DATA

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Paul Matli

Report Date: 03/26/2014
Client Project ID: 140048-346 W 40th Street, New York
York Project (SDG) No.: 14C0672

Report Date: 03/26/2014
Client Project ID: 140048-346 W 40th Street, New York
York Project (SDG) No.: 14C0672

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Paul Matli

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 March 20, 2014 and listed below. The project was identified as your project: **140048-346 W 40th Street, New York**.

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
14C0672-01	MW-1	Water	03/19/2014	03/20/2014
14C0672-03	Trip Blank	Water	03/19/2014	03/20/2014

General Notes for York Project (SDG) No.: 14C0672

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:** 03/26/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14C0672-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0672	140048-346 W 40th Street, New York	Water	March 19, 2014 3:00 pm	03/20/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
95-63-6	**1,2,4-Trimethylbenzene**	**110**		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
108-67-8	**1,3,5-Trimethylbenzene**	**75**		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
78-93-3	2-Butanone	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
67-64-1	Acetone	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
71-43-2	**Benzene**	**2000**		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
108-86-1	Bromobenzene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
74-97-5	Bromochloromethane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
75-25-2	Bromoform	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
74-83-9	Bromomethane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
108-90-7	Chlorobenzene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
75-00-3	Chloroethane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14C0672-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0672	140048-346 W 40th Street, New York	Water	March 19, 2014 3:00 pm	03/20/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
74-87-3	Chloromethane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
74-95-3	Dibromomethane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
100-41-4	**Ethyl Benzene**	**280**		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
98-82-8	**Isopropylbenzene**	**46**	J	ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
75-09-2	Methylene chloride	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
91-20-3	**Naphthalene**	**260**		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
103-65-1	**n-Propylbenzene**	**73**		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
95-47-6	* o-Xylene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
179601-23-1	*** p- & m- Xylenes**	**260**		ug/L	50	100	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
100-42-5	Styrene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
127-18-4	Tetrachloroethylene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
108-88-3	**Toluene**	**110**		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
79-01-6	Trichloroethylene	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
1330-20-7	**Xylenes, Total**	**280**		ug/L	75	150	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS
108-05-4	Vinyl acetate	ND		ug/L	25	50	10	EPA 8260C	03/24/2014 14:18	03/24/2014 22:43	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.2 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.4 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*88-114*

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14C0672-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0672	140048-346 W 40th Street, New York	Water	March 19, 2014 3:00 pm	03/20/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
208-96-8	Acenaphthylene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
62-53-3	Aniline	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
120-12-7	Anthracene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
100-51-6	Benzyl alcohol	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
106-47-8	4-Chloroaniline	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
95-57-8	2-Chlorophenol	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
218-01-9	Chrysene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
132-64-9	Dibenzofuran	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
84-66-2	Diethyl phthalate	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
131-11-3	Dimethyl phthalate	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14C0672-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0672	140048-346 W 40th Street, New York	Water	March 19, 2014 3:00 pm	03/20/2014

Semi-Volatiles, 8270 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
117-84-0	Di-n-octyl phthalate	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
206-44-0	Fluoranthene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
86-73-7	Fluorene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
118-74-1	Hexachlorobenzene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
67-72-1	Hexachloroethane	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
78-59-1	Isophorone	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
91-57-6	**2-Methylnaphthalene**	**47.7**	J	ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
95-48-7	2-Methylphenol	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
91-20-3	**Naphthalene**	**182**		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
100-01-6	4-Nitroaniline	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
99-09-2	3-Nitroaniline	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
88-74-4	2-Nitroaniline	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
98-95-3	Nitrobenzene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
100-02-7	4-Nitrophenol	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
88-75-5	2-Nitrophenol	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
87-86-5	Pentachlorophenol	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
85-01-8	Phenanthrene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
108-95-2	Phenol	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
129-00-0	Pyrene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
110-86-1	Pyridine	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	25.0	50.0	10	EPA 8270D	03/21/2014 16:00	03/25/2014 19:33	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*%*	S-06	*10-53*
4165-62-2	*Surrogate: Phenol-d5*	*%*	S-06	*10-39*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*54.5 %*	S-06	*10-120*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*68.7 %*		*10-108*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*112 %*		*10-150*

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14C0672-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0672	140048-346 W 40th Street, New York	Water	March 19, 2014 3:00 pm	03/20/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	*Surrogate: Terphenyl-d14*	*94.3 %*			*10-143*						

Pesticides/PCBs, EPA 8081/8082 List

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

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

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.0513	0.0513	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 14:45	JW
72-43-5	Methoxychlor	ND		ug/L	0.00513	0.00513	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 14:45	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 14:45	JW
76-44-8	Heptachlor	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 14:45	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 14:45	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 14:45	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 14:45	JW
72-20-8	Endrin	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 14:45	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 14:45	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 14:45	JW
959-98-8	Endosulfan I	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 14:45	JW
60-57-1	Dieldrin	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 14:45	JW
319-86-8	delta-BHC	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 14:45	JW
57-74-9	Chlordane, total	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 14:45	JW
319-85-7	beta-BHC	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 14:45	JW
319-84-6	alpha-BHC	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 14:45	JW
309-00-2	Aldrin	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 14:45	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 14:45	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 14:45	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00103	0.00103	1	EPA 8081B/8082A	03/21/2014 09:00	03/21/2014 14:45	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	0.0513	1	EPA 8081B/8082A	03/21/2014 09:00	03/22/2014 04:26	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	0.0513	1	EPA 8081B/8082A	03/21/2014 09:00	03/22/2014 04:26	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	0.0513	1	EPA 8081B/8082A	03/21/2014 09:00	03/22/2014 04:26	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	0.0513	1	EPA 8081B/8082A	03/21/2014 09:00	03/22/2014 04:26	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	0.0513	1	EPA 8081B/8082A	03/21/2014 09:00	03/22/2014 04:26	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	0.0513	1	EPA 8081B/8082A	03/21/2014 09:00	03/22/2014 04:26	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	0.0513	1	EPA 8081B/8082A	03/21/2014 09:00	03/22/2014 04:26	JW
1336-36-3	* Total PCBs	ND		ug/L	0.0513	0.0513	1	EPA 8081B/8082A	03/21/2014 09:00	03/22/2014 04:26	JW

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*34.0 %*		*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*22.1 %*	GC-Sur r	*30-120*

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14C0672-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0672	140048-346 W 40th Street, New York	Water	March 19, 2014 3:00 pm	03/20/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**21.0**		mg/L	0.010	0.010	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7440-38-2	**Arsenic**	**0.016**		mg/L	0.004	0.004	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7440-39-3	**Barium**	**3.00**		mg/L	0.010	0.010	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7440-41-7	**Beryllium**	**0.002**		mg/L	0.001	0.001	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7440-70-2	**Calcium**	**150**		mg/L	0.050	0.050	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7440-47-3	**Chromium**	**0.069**		mg/L	0.005	0.005	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7440-48-4	**Cobalt**	**0.027**		mg/L	0.005	0.005	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7440-50-8	**Copper**	**0.321**		mg/L	0.003	0.003	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7439-89-6	**Iron**	**40.8**		mg/L	0.020	0.020	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7439-92-1	**Lead**	**0.171**		mg/L	0.003	0.003	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7439-95-4	**Magnesium**	**61.4**		mg/L	0.050	0.050	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7439-96-5	**Manganese**	**8.30**		mg/L	0.005	0.005	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7440-02-0	**Nickel**	**0.087**		mg/L	0.005	0.005	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7440-09-7	**Potassium**	**22.7**		mg/L	0.050	0.050	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7440-23-5	**Sodium**	**281**		mg/L	0.100	0.100	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7440-62-2	**Vanadium**	**0.048**		mg/L	0.010	0.010	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW
7440-66-6	**Zinc**	**0.174**		mg/L	0.010	0.010	1	EPA 6010C	03/21/2014 13:40	03/21/2014 19:38	MW

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW
7440-39-3	**Barium**	**1.54**		mg/L	0.010	0.010	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW
7440-70-2	**Calcium**	**133**		mg/L	0.050	0.050	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW
7439-89-6	**Iron**	**3.41**		mg/L	0.020	0.020	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14C0672-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0672	140048-346 W 40th Street, New York	Water	March 19, 2014 3:00 pm	03/20/2014

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW
7439-95-4	**Magnesium**	**50.7**		mg/L	0.050	0.050	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW
7439-96-5	**Manganese**	**6.33**		mg/L	0.005	0.005	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW
7440-09-7	**Potassium**	**16.9**		mg/L	0.050	0.050	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW
7782-49-2	**Selenium**	**0.018**		mg/L	0.010	0.010	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW
7440-23-5	**Sodium**	**281**		mg/L	0.100	0.100	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW
7440-66-6	Zinc	ND		mg/L	0.010	0.010	1	EPA 6010C	03/21/2014 13:36	03/21/2014 18:01	MW

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473	03/25/2014 08:16	03/26/2014 07:04	ALD

Mercury by 7473, Dissolved

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

Sample Prepared by Method: EPA 7473 water

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00020	0.00020	1	EPA 7473	03/25/2014 08:16	03/26/2014 07:04	ALD

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	0.0100	1	EPA 7196A	03/21/2014 12:41	03/21/2014 12:41	SC

Chromium, Trivalent

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

Sample Prepared by Method: *** DEFAULT PREP ***

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**0.0690**		mg/L	0.00800	0.0100	1	Calculation	03/24/2014 14:37	03/24/2014 14:40	SC

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **14C0672-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0672	140048-346 W 40th Street, New York	Water	March 19, 2014 3:00 pm	03/20/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **14C0672-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0672	140048-346 W 40th Street, New York	Water	March 19, 2014 3:00 pm	03/20/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
95-47-6	* o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
179601-23-1	* p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	03/24/2014 14:18	03/24/2014 23:18	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.2 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*88-114*

Analytical Batch Summary

Batch ID: BC40856 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
14C0672-01	MW-1	03/21/14
BC40856-BLK1	Blank	03/21/14
BC40856-BS1	LCS	03/21/14
BC40856-BS2	LCS	03/21/14
BC40856-BSD1	LCS Dup	03/21/14
BC40856-BSD2	LCS Dup	03/21/14

Batch ID: BC40890 **Preparation Method:** Analysis Preparation **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14C0672-01	MW-1	03/21/14
BC40890-BLK1	Blank	03/21/14
BC40890-BS1	LCS	03/21/14
BC40890-BSD1	LCS Dup	03/21/14
BC40890-DUP1	Duplicate	03/21/14

Batch ID: BC40897 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14C0672-01	MW-1	03/21/14
BC40897-BLK1	Blank	03/21/14
BC40897-SRM1	Reference	03/21/14
BC40897-SRM2	Reference	03/21/14

Batch ID: BC40898 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14C0672-01	MW-1	03/21/14
BC40898-SRM1	Reference	03/21/14
BC40898-SRM2	Reference	03/21/14

Batch ID: BC40899 **Preparation Method:** EPA 3510C **Prepared By:** DB

YORK Sample ID	Client Sample ID	Preparation Date
14C0672-01	MW-1	03/21/14
BC40899-BLK1	Blank	03/21/14
BC40899-BS1	LCS	03/21/14
BC40899-BSD1	LCS Dup	03/21/14

Batch ID: BC40962 **Preparation Method:** *** DEFAULT PREP *** **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date

14C0672-01	MW-1	03/24/14

Batch ID: BC40987 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14C0672-01	MW-1	03/25/14
BC40987-BLK1	Blank	03/25/14
BC40987-SRM1	Reference	03/25/14

Batch ID: BC40988 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14C0672-01	MW-1	03/24/14
14C0672-03	Trip Blank	03/24/14
BC40988-BLK1	Blank	03/24/14
BC40988-BS1	LCS	03/24/14
BC40988-BSD1	LCS Dup	03/24/14

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 BC40988 - EPA 5030B											
Blank (BC40988-BLK1)								Prepared & Analyzed: 03/24/2014			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L								
1,1,1-Trichloroethane	ND	5.0	"								
1,1,2,2-Tetrachloroethane	ND	5.0	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"								
1,1,2-Trichloroethane	ND	5.0	"								
1,1-Dichloroethane	ND	5.0	"								
1,1-Dichloroethylene	ND	5.0	"								
1,1-Dichloropropylene	ND	5.0	"								
1,2,3-Trichlorobenzene	ND	5.0	"								
1,2,3-Trichloropropane	ND	5.0	"								
1,2,4-Trichlorobenzene	ND	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	ND	5.0	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	3.1	5.0	"								
Naphthalene	ND	5.0	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								

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 BC40988 - EPA 5030B											
Blank (BC40988-BLK1)								Prepared & Analyzed: 03/24/2014			
p- & m- Xylenes	ND	10	ug/L								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
Styrene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Tetrachloroethylene	ND	5.0	"								
Toluene	ND	5.0	"								
trans-1,2-Dichloroethylene	ND	5.0	"								
trans-1,3-Dichloropropylene	ND	5.0	"								
Trichloroethylene	ND	5.0	"								
Trichlorofluoromethane	ND	5.0	"								
Vinyl Chloride	ND	5.0	"								
Xylenes, Total	ND	15	"								
Vinyl acetate	ND	5.0	"								
Surrogate: 1,2-Dichloroethane-d4	*49.3*		*"*	*50.0*		*98.7*	*81-123*				
Surrogate: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.4*	*70-128*				
Surrogate: Toluene-d8	*53.1*		*"*	*50.0*		*106*	*88-114*				
LCS (BC40988-BS1)								Prepared & Analyzed: 03/24/2014			
1,1,1,2-Tetrachloroethane	55		ug/L	50.0		110	85-118				
1,1,1-Trichloroethane	53		"	50.0		106	74-128				
1,1,2,2-Tetrachloroethane	54		"	50.0		108	71-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		108	51-157				
1,1,2-Trichloroethane	53		"	50.0		106	80-122				
1,1-Dichloroethane	55		"	50.0		110	70-131				
1,1-Dichloroethylene	57		"	50.0		115	60-143				
1,1-Dichloropropylene	54		"	50.0		107	78-122				
1,2,3-Trichlorobenzene	52		"	50.0		105	68-140				
1,2,3-Trichloropropane	53		"	50.0		106	77-125				
1,2,4-Trichlorobenzene	52		"	50.0		105	65-143				
1,2,4-Trimethylbenzene	54		"	50.0		107	83-121				
1,2-Dibromo-3-chloropropane	58		"	50.0		116	60-146				
1,2-Dibromoethane	53		"	50.0		106	82-122				
1,2-Dichlorobenzene	53		"	50.0		107	85-115				
1,2-Dichloroethane	54		"	50.0		107	72-126				
1,2-Dichloropropane	57		"	50.0		113	78-119				
1,3,5-Trimethylbenzene	54		"	50.0		109	84-118				
1,3-Dichlorobenzene	53		"	50.0		107	83-117				
1,3-Dichloropropane	54		"	50.0		108	79-121				
1,4-Dichlorobenzene	53		"	50.0		107	83-118				
2,2-Dichloropropane	52		"	50.0		103	60-135				
2-Butanone	48		"	50.0		95.7	48-156				
2-Chlorotoluene	56		"	50.0		113	81-118				
4-Chlorotoluene	52		"	50.0		104	81-117				
Acetone	42		"	50.0		83.7	21-172				
Benzene	53		"	50.0		107	82-120				
Bromobenzene	56		"	50.0		112	82-119				
Bromochloromethane	50		"	50.0		99.9	69-125				
Bromodichloromethane	55		"	50.0		109	84-117				
Bromoform	55		"	50.0		109	77-130				
Bromomethane	67		"	50.0		134	16-162				
Carbon tetrachloride	54		"	50.0		108	72-132				

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 BC40988 - EPA 5030B											
LCS (BC40988-BS1)							Prepared & Analyzed: 03/24/2014				
Chlorobenzene	54		ug/L	50.0		109	88-112				
Chloroethane	61		"	50.0		122	29-172				
Chloroform	53		"	50.0		106	77-124				
Chloromethane	54		"	50.0		108	37-131				
cis-1,2-Dichloroethylene	53		"	50.0		106	77-124				
cis-1,3-Dichloropropylene	54		"	50.0		107	81-117				
Dibromochloromethane	55		"	50.0		109	72-131				
Dibromomethane	55		"	50.0		109	85-116				
Dichlorodifluoromethane	50		"	50.0		99.5	47-152				
Ethyl Benzene	59		"	50.0		119	86-114	High Bias			
Hexachlorobutadiene	56		"	50.0		112	68-139				
Isopropylbenzene	55		"	50.0		111	84-118				
Methyl tert-butyl ether (MTBE)	53		"	50.0		105	49-156				
Methylene chloride	51		"	50.0		101	51-145				
Naphthalene	54		"	50.0		107	67-141				
n-Butylbenzene	53		"	50.0		105	76-125				
n-Propylbenzene	61		"	50.0		121	84-118	High Bias			
o-Xylene	54		"	50.0		108	85-114				
p- & m- Xylenes	120		"	100		119	84-117	High Bias			
p-Isopropyltoluene	54		"	50.0		107	84-121				
sec-Butylbenzene	55		"	50.0		109	85-119				
Styrene	54		"	50.0		108	77-126				
tert-Butylbenzene	56		"	50.0		111	83-119				
Tetrachloroethylene	56		"	50.0		113	75-129				
Toluene	55		"	50.0		110	86-113				
trans-1,2-Dichloroethylene	55		"	50.0		109	55-148				
trans-1,3-Dichloropropylene	54		"	50.0		108	77-120				
Trichloroethylene	55		"	50.0		110	85-115				
Trichlorofluoromethane	55		"	50.0		110	69-131				
Vinyl Chloride	56		"	50.0		112	44-152				
Vinyl acetate	52		"	50.0		104	48-145				
Surrogate: 1,2-Dichloroethane-d4	*47.1*		*"*	*50.0*		*94.2*	*81-123*				
Surrogate: p-Bromofluorobenzene	*51.0*		*"*	*50.0*		*102*	*70-128*				
Surrogate: Toluene-d8	*51.1*		*"*	*50.0*		*102*	*88-114*				

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 BC40988 - EPA 5030B											
LCS Dup (BC40988-BSD1)								Prepared & Analyzed: 03/24/2014			
1,1,1,2-Tetrachloroethane	54		ug/L	50.0		109	85-118		1.57	30	
1,1,1-Trichloroethane	53		"	50.0		106	74-128		0.755	30	
1,1,2,2-Tetrachloroethane	57		"	50.0		114	71-130		5.57	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57		"	50.0		115	51-157		6.15	30	
1,1,2-Trichloroethane	54		"	50.0		109	80-122		2.42	30	
1,1-Dichloroethane	55		"	50.0		111	70-131		0.778	30	
1,1-Dichloroethylene	57		"	50.0		115	60-143		0.122	30	
1,1-Dichloropropylene	53		"	50.0		107	78-122		0.187	30	
1,2,3-Trichlorobenzene	55		"	50.0		111	68-140		5.40	30	
1,2,3-Trichloropropane	57		"	50.0		113	77-125		6.05	30	
1,2,4-Trichlorobenzene	54		"	50.0		107	65-143		2.40	30	
1,2,4-Trimethylbenzene	53		"	50.0		106	83-121		1.09	30	
1,2-Dibromo-3-chloropropane	57		"	50.0		114	60-146		1.47	30	
1,2-Dibromoethane	55		"	50.0		110	82-122		3.05	30	
1,2-Dichlorobenzene	55		"	50.0		111	85-115		3.31	30	
1,2-Dichloroethane	53		"	50.0		106	72-126		1.01	30	
1,2-Dichloropropane	57		"	50.0		115	78-119		1.68	30	
1,3,5-Trimethylbenzene	55		"	50.0		109	84-118		0.0550	30	
1,3-Dichlorobenzene	55		"	50.0		109	83-117		2.65	30	
1,3-Dichloropropane	56		"	50.0		111	79-121		2.79	30	
1,4-Dichlorobenzene	53		"	50.0		107	83-118		0.150	30	
2,2-Dichloropropane	52		"	50.0		104	60-135		0.405	30	
2-Butanone	52		"	50.0		105	48-156		9.00	30	
2-Chlorotoluene	57		"	50.0		113	81-118		0.124	30	
4-Chlorotoluene	51		"	50.0		103	81-117		0.639	30	
Acetone	60		"	50.0		121	21-172		36.3	30	Non-dir.
Benzene	55		"	50.0		109	82-120		2.13	30	
Bromobenzene	55		"	50.0		111	82-119		1.10	30	
Bromochloromethane	51		"	50.0		102	69-125		1.77	30	
Bromodichloromethane	55		"	50.0		111	84-117		1.33	30	
Bromoform	55		"	50.0		110	77-130		0.804	30	
Bromomethane	62		"	50.0		124	16-162		7.76	30	
Carbon tetrachloride	52		"	50.0		105	72-132		2.65	30	
Chlorobenzene	55		"	50.0		110	88-112		1.03	30	
Chloroethane	59		"	50.0		118	29-172		3.44	30	
Chloroform	54		"	50.0		107	77-124		1.26	30	
Chloromethane	50		"	50.0		101	37-131		7.29	30	
cis-1,2-Dichloroethylene	54		"	50.0		108	77-124		1.42	30	
cis-1,3-Dichloropropylene	55		"	50.0		109	81-117		1.86	30	
Dibromochloromethane	54		"	50.0		108	72-131		0.625	30	
Dibromomethane	53		"	50.0		106	85-116		2.90	30	
Dichlorodifluoromethane	49		"	50.0		97.9	47-152		1.70	30	
Ethyl Benzene	59		"	50.0		118	86-114	High Bias	0.439	30	
Hexachlorobutadiene	55		"	50.0		110	68-139		1.41	30	
Isopropylbenzene	55		"	50.0		110	84-118		0.434	30	
Methyl tert-butyl ether (MTBE)	54		"	50.0		109	49-156		3.22	30	
Methylene chloride	51		"	50.0		102	51-145		1.02	30	
Naphthalene	57		"	50.0		113	67-141		5.88	30	
n-Butylbenzene	52		"	50.0		104	76-125		1.46	30	
n-Propylbenzene	61		"	50.0		121	84-118	High Bias	0.0330	30	
o-Xylene	55		"	50.0		109	85-114		0.901	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 BC40988 - EPA 5030B											
LCS Dup (BC40988-BSD1)								Prepared & Analyzed: 03/24/2014			
p- & m- Xylenes	120		ug/L	100		120	84-117	High Bias	0.997	30	
p-Isopropyltoluene	55		"	50.0		109	84-121		1.90	30	
sec-Butylbenzene	55		"	50.0		110	85-119		1.29	30	
Styrene	57		"	50.0		113	77-126		4.15	30	
tert-Butylbenzene	56		"	50.0		111	83-119		0.234	30	
Tetrachloroethylene	55		"	50.0		110	75-129		2.77	30	
Toluene	56		"	50.0		112	86-113		1.67	30	
trans-1,2-Dichloroethylene	57		"	50.0		113	55-148		3.53	30	
trans-1,3-Dichloropropylene	56		"	50.0		112	77-120		3.60	30	
Trichloroethylene	56		"	50.0		111	85-115		0.740	30	
Trichlorofluoromethane	56		"	50.0		111	69-131		0.811	30	
Vinyl Chloride	56		"	50.0		111	44-152		0.591	30	
Vinyl acetate	53		"	50.0		105	48-145		1.67	30	
Surrogate: 1,2-Dichloroethane-d4	*48.0*		*"*	*50.0*		*96.1*	*81-123*				
Surrogate: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*70-128*				
Surrogate: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*88-114*				

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 BC40899 - EPA 3510C											
Blank (BC40899-BLK1)											Prepared: 03/21/2014 Analyzed: 03/24/2014
Acenaphthene	ND	5.00	ug/L								
Acenaphthylene	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	5.00	"								
Benzo(a)anthracene	ND	5.00	"								
Benzo(a)pyrene	ND	5.00	"								
Benzo(b)fluoranthene	ND	5.00	"								
Benzo(g,h,i)perylene	ND	5.00	"								
Benzo(k)fluoranthene	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
Chrysene	ND	5.00	"								
Dibenzo(a,h)anthracene	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
3,3'-Dichlorobenzidine	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	5.00	"								
Fluoranthene	ND	5.00	"								
Fluorene	ND	5.00	"								
Hexachlorobenzene	ND	5.00	"								
Hexachlorobutadiene	ND	5.00	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	5.00	"								
Indeno(1,2,3-cd)pyrene	ND	5.00	"								
Isophorone	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
Naphthalene	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC40899 - EPA 3510C											
Blank (BC40899-BLK1)								Prepared: 03/21/2014 Analyzed: 03/24/2014			
3-Nitroaniline	ND	5.00	ug/L								
2-Nitroaniline	ND	5.00	"								
Nitrobenzene	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodimethylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	5.00	"								
Phenanthrene	ND	5.00	"								
Phenol	ND	5.00	"								
Pyrene	ND	5.00	"								
Pyridine	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
Surrogate: 2-Fluorophenol	*17.4*		*"*	*75.6*		*23.1*	*10-53*				
Surrogate: Phenol-d5	*11.3*		*"*	*75.5*		*15.0*	*10-39*				
Surrogate: Nitrobenzene-d5	*34.2*		*"*	*51.0*		*67.0*	*10-120*				
Surrogate: 2-Fluorobiphenyl	*31.5*		*"*	*50.8*		*62.1*	*10-108*				
Surrogate: 2,4,6-Tribromophenol	*68.0*		*"*	*74.4*		*91.4*	*10-150*				
Surrogate: Terphenyl-d14	*51.2*		*"*	*50.7*		*101*	*10-143*				
LCS (BC40899-BS1)								Prepared: 03/21/2014 Analyzed: 03/24/2014			
Acenaphthene	30.7	5.00	ug/L	50.0		61.4	24-114				
Acenaphthylene	30.2	5.00	"	50.0		60.5	26-112				
Aniline	19.6	5.00	"	50.0		39.3	10-107				
Anthracene	36.0	5.00	"	50.0		72.0	35-114				
Benzo(a)anthracene	32.8	5.00	"	50.0		65.6	38-127				
Benzo(a)pyrene	43.6	5.00	"	50.0		87.2	30-146				
Benzo(b)fluoranthene	48.9	5.00	"	50.0		97.9	36-145				
Benzo(g,h,i)perylene	38.9	5.00	"	50.0		77.8	10-163				
Benzo(k)fluoranthene	35.7	5.00	"	50.0		71.3	16-149				
Benzyl alcohol	17.9	5.00	"	50.0		35.7	18-75				
Benzyl butyl phthalate	26.3	5.00	"	50.0		52.7	28-129				
4-Bromophenyl phenyl ether	40.5	5.00	"	50.0		81.0	38-116				
4-Chloro-3-methylphenol	29.6	5.00	"	50.0		59.2	28-101				
4-Chloroaniline	36.2	5.00	"	50.0		72.3	10-154				
Bis(2-chloroethoxy)methane	29.3	5.00	"	50.0		58.5	27-112				
Bis(2-chloroethyl)ether	28.7	5.00	"	50.0		57.4	24-114				
Bis(2-chloroisopropyl)ether	30.5	5.00	"	50.0		60.9	21-124				
2-Chloronaphthalene	28.9	5.00	"	50.0		57.8	40-96				
2-Chlorophenol	23.9	5.00	"	50.0		47.7	35-84				
4-Chlorophenyl phenyl ether	37.9	5.00	"	50.0		75.7	34-112				
Chrysene	30.0	5.00	"	50.0		60.0	33-120				
Dibenzo(a,h)anthracene	42.4	5.00	"	50.0		84.7	10-149				
Dibenzofuran	31.6	5.00	"	50.0		63.1	42-105				
Di-n-butyl phthalate	36.8	5.00	"	50.0		73.6	36-110				
1,4-Dichlorobenzene	29.8	5.00	"	50.0		59.6	42-82				
1,3-Dichlorobenzene	28.6	5.00	"	50.0		57.1	45-80				
1,2-Dichlorobenzene	29.2	5.00	"	50.0		58.5	42-85				

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 BC40899 - EPA 3510C											
LCS (BC40899-BS1)								Prepared: 03/21/2014 Analyzed: 03/24/2014			
3,3'-Dichlorobenzidine	45.8	5.00	ug/L	50.0		91.5	25-155				
2,4-Dichlorophenol	29.9	5.00	"	50.0		59.7	43-92				
Diethyl phthalate	33.9	5.00	"	50.0		67.8	38-112				
2,4-Dimethylphenol	24.1	5.00	"	50.0		48.2	25-92				
Dimethyl phthalate	32.2	5.00	"	50.0		64.4	49-106				
4,6-Dinitro-2-methylphenol	41.5	5.00	"	50.0		83.0	10-135				
2,4-Dinitrophenol	33.6	5.00	"	50.0		67.1	10-149				
2,4-Dinitrotoluene	32.0	5.00	"	50.0		64.0	41-114				
2,6-Dinitrotoluene	34.1	5.00	"	50.0		68.2	49-106				
Di-n-octyl phthalate	36.5	5.00	"	50.0		72.9	12-149				
Bis(2-ethylhexyl)phthalate	27.4	5.00	"	50.0		54.8	10-171				
Fluoranthene	40.0	5.00	"	50.0		80.0	33-126				
Fluorene	35.3	5.00	"	50.0		70.6	28-117				
Hexachlorobenzene	39.0	5.00	"	50.0		78.0	27-120				
Hexachlorobutadiene	35.3	5.00	"	50.0		70.5	25-106				
Hexachlorocyclopentadiene	28.3	5.00	"	50.0		56.5	10-99				
Hexachloroethane	31.5	5.00	"	50.0		62.9	33-84				
Indeno(1,2,3-cd)pyrene	43.5	5.00	"	50.0		86.9	10-150				
Isophorone	33.5	5.00	"	50.0		67.0	29-115				
2-Methylnaphthalene	33.2	5.00	"	50.0		66.4	33-101				
2-Methylphenol	18.3	5.00	"	50.0		36.6	10-90				
3- & 4-Methylphenols	16.4	5.00	"	50.0		32.7	10-101				
Naphthalene	30.4	5.00	"	50.0		60.9	30-99				
4-Nitroaniline	24.9	5.00	"	50.0		49.8	15-143				
3-Nitroaniline	31.9	5.00	"	50.0		63.8	29-128				
2-Nitroaniline	27.0	5.00	"	50.0		54.0	31-122				
Nitrobenzene	32.5	5.00	"	50.0		65.1	32-113				
4-Nitrophenol	11.2	5.00	"	50.0		22.5	10-112				
2-Nitrophenol	29.3	5.00	"	50.0		58.6	37-97				
N-nitroso-di-n-propylamine	35.7	5.00	"	50.0		71.4	36-118				
N-Nitrosodimethylamine	8.25	5.00	"	50.0		16.5	10-63				
N-Nitrosodiphenylamine	43.6	5.00	"	50.0		87.2	27-145				
Pentachlorophenol	36.5	5.00	"	50.0		72.9	19-127				
Phenanthrene	36.8	5.00	"	50.0		73.7	31-112				
Phenol	9.03	5.00	"	50.0		18.1	10-37				
Pyrene	27.8	5.00	"	50.0		55.6	42-125				
Pyridine	4.11	5.00	"	50.0		8.22	10-46	Low Bias			
1,2,4-Trichlorobenzene	31.5	5.00	"	50.0		62.9	35-91				
2,4,5-Trichlorophenol	30.5	5.00	"	50.0		61.1	36-112				
2,4,6-Trichlorophenol	30.0	5.00	"	50.0		60.0	41-107				
Surrogate: 2-Fluorophenol	*17.4*		*"*	*75.6*		*23.0*	*10-53*				
Surrogate: Phenol-d5	*11.5*		*"*	*75.5*		*15.2*	*10-39*				
Surrogate: Nitrobenzene-d5	*31.8*		*"*	*51.0*		*62.3*	*10-120*				
Surrogate: 2-Fluorobiphenyl	*27.1*		*"*	*50.8*		*53.3*	*10-108*				
Surrogate: 2,4,6-Tribromophenol	*69.3*		*"*	*74.4*		*93.2*	*10-150*				
Surrogate: Terphenyl-d14	*30.0*		*"*	*50.7*		*59.1*	*10-143*				

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 BC40899 - EPA 3510C											
LCS Dup (BC40899-BSD1)								Prepared: 03/21/2014 Analyzed: 03/24/2014			
Acenaphthene	32.1	5.00	ug/L	50.0		64.1	24-114		4.40	20	
Acenaphthylene	30.6	5.00	"	50.0		61.2	26-112		1.15	20	
Aniline	19.0	5.00	"	50.0		38.0	10-107		3.42	20	
Anthracene	36.4	5.00	"	50.0		72.8	35-114		1.13	20	
Benzo(a)anthracene	34.6	5.00	"	50.0		69.2	38-127		5.25	20	
Benzo(a)pyrene	44.2	5.00	"	50.0		88.4	30-146		1.37	20	
Benzo(b)fluoranthene	44.1	5.00	"	50.0		88.2	36-145		10.4	20	
Benzo(g,h,i)perylene	38.6	5.00	"	50.0		77.2	10-163		0.697	20	
Benzo(k)fluoranthene	40.4	5.00	"	50.0		80.7	16-149		12.4	20	
Benzyl alcohol	17.2	5.00	"	50.0		34.4	18-75		3.94	20	
Benzyl butyl phthalate	27.6	5.00	"	50.0		55.2	28-129		4.71	20	
4-Bromophenyl phenyl ether	40.7	5.00	"	50.0		81.4	38-116		0.517	20	
4-Chloro-3-methylphenol	30.0	5.00	"	50.0		60.1	28-101		1.44	20	
4-Chloroaniline	41.1	5.00	"	50.0		82.2	10-154		12.8	20	
Bis(2-chloroethoxy)methane	29.7	5.00	"	50.0		59.4	27-112		1.56	20	
Bis(2-chloroethyl)ether	27.2	5.00	"	50.0		54.4	24-114		5.30	20	
Bis(2-chloroisopropyl)ether	29.4	5.00	"	50.0		58.7	21-124		3.64	20	
2-Chloronaphthalene	29.3	5.00	"	50.0		58.6	40-96		1.41	20	
2-Chlorophenol	24.0	5.00	"	50.0		48.0	35-84		0.501	20	
4-Chlorophenyl phenyl ether	38.7	5.00	"	50.0		77.4	34-112		2.14	20	
Chrysene	31.2	5.00	"	50.0		62.4	33-120		3.92	20	
Dibenzo(a,h)anthracene	42.4	5.00	"	50.0		84.7	10-149		0.00	20	
Dibenzofuran	30.8	5.00	"	50.0		61.6	42-105		2.50	20	
Di-n-butyl phthalate	36.9	5.00	"	50.0		73.8	36-110		0.271	20	
1,4-Dichlorobenzene	28.6	5.00	"	50.0		57.3	42-82		4.07	20	
1,3-Dichlorobenzene	28.2	5.00	"	50.0		56.4	45-80		1.34	20	
1,2-Dichlorobenzene	28.8	5.00	"	50.0		57.5	42-85		1.65	20	
3,3'-Dichlorobenzidine	46.2	5.00	"	50.0		92.3	25-155		0.892	20	
2,4-Dichlorophenol	30.5	5.00	"	50.0		60.9	43-92		2.02	20	
Diethyl phthalate	34.8	5.00	"	50.0		69.5	38-112		2.53	20	
2,4-Dimethylphenol	24.3	5.00	"	50.0		48.5	25-92		0.620	20	
Dimethyl phthalate	33.0	5.00	"	50.0		66.0	49-106		2.42	20	
4,6-Dinitro-2-methylphenol	42.1	5.00	"	50.0		84.1	10-135		1.41	20	
2,4-Dinitrophenol	34.1	5.00	"	50.0		68.2	10-149		1.51	20	
2,4-Dinitrotoluene	32.4	5.00	"	50.0		64.7	41-114		1.12	20	
2,6-Dinitrotoluene	34.5	5.00	"	50.0		68.9	49-106		0.992	20	
Di-n-octyl phthalate	36.9	5.00	"	50.0		73.8	12-149		1.23	20	
Bis(2-ethylhexyl)phthalate	28.6	5.00	"	50.0		57.2	10-171		4.29	20	
Fluoranthene	40.2	5.00	"	50.0		80.4	33-126		0.524	20	
Fluorene	36.1	5.00	"	50.0		72.1	28-117		2.10	20	
Hexachlorobenzene	39.7	5.00	"	50.0		79.4	27-120		1.75	20	
Hexachlorobutadiene	36.6	5.00	"	50.0		73.3	25-106		3.84	20	
Hexachlorocyclopentadiene	28.8	5.00	"	50.0		57.6	10-99		1.82	20	
Hexachloroethane	29.7	5.00	"	50.0		59.4	33-84		5.79	20	
Indeno(1,2,3-cd)pyrene	43.1	5.00	"	50.0		86.2	10-150		0.878	20	
Isophorone	33.6	5.00	"	50.0		67.2	29-115		0.388	20	
2-Methylnaphthalene	33.3	5.00	"	50.0		66.6	33-101		0.361	20	
2-Methylphenol	18.5	5.00	"	50.0		37.0	10-90		1.20	20	
3- & 4-Methylphenols	16.0	5.00	"	50.0		32.1	10-101		1.85	20	
Naphthalene	31.4	5.00	"	50.0		62.7	30-99		2.98	20	
4-Nitroaniline	24.9	5.00	"	50.0		49.9	15-143		0.201	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC40899 - EPA 3510C											
LCS Dup (BC40899-BSD1)								Prepared: 03/21/2014 Analyzed: 03/24/2014			
3-Nitroaniline	34.0	5.00	ug/L	50.0		68.1	29-128		6.55	20	
2-Nitroaniline	28.9	5.00	"	50.0		57.8	31-122		6.73	20	
Nitrobenzene	33.3	5.00	"	50.0		66.6	32-113		2.25	20	
4-Nitrophenol	11.7	5.00	"	50.0		23.4	10-112		3.75	20	
2-Nitrophenol	31.1	5.00	"	50.0		62.2	37-97		5.99	20	
N-nitroso-di-n-propylamine	32.6	5.00	"	50.0		65.3	36-118		8.90	20	
N-Nitrosodimethylamine	6.93	5.00	"	50.0		13.9	10-63		17.4	20	
N-Nitrosodiphenylamine	44.9	5.00	"	50.0		89.8	27-145		2.92	20	
Pentachlorophenol	38.1	5.00	"	50.0		76.3	19-127		4.48	20	
Phenanthrene	37.0	5.00	"	50.0		74.0	31-112		0.433	20	
Phenol	8.66	5.00	"	50.0		17.3	10-37		4.18	20	
Pyrene	29.2	5.00	"	50.0		58.3	42-125		4.70	20	
Pyridine	3.27	5.00	"	50.0		6.54	10-46	Low Bias	22.8	20	Non-dir.
1,2,4-Trichlorobenzene	32.0	5.00	"	50.0		64.1	35-91		1.86	20	
2,4,5-Trichlorophenol	30.6	5.00	"	50.0		61.2	36-112		0.196	20	
2,4,6-Trichlorophenol	31.7	5.00	"	50.0		63.4	41-107		5.45	20	
Surrogate: 2-Fluorophenol	*16.2*		*"*	*75.6*		*21.4*	*10-53*				
Surrogate: Phenol-d5	*11.3*		*"*	*75.5*		*15.0*	*10-39*				
Surrogate: Nitrobenzene-d5	*33.1*		*"*	*51.0*		*65.0*	*10-120*				
Surrogate: 2-Fluorobiphenyl	*27.7*		*"*	*50.8*		*54.5*	*10-108*				
Surrogate: 2,4,6-Tribromophenol	*71.1*		*"*	*74.4*		*95.6*	*10-150*				
Surrogate: Terphenyl-d14	*31.7*		*"*	*50.7*		*62.6*	*10-143*				

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 BC40856 - EPA SW846-3510C Low Level											
Blank (BC40856-BLK1)								Prepared & Analyzed: 03/21/2014			
Toxaphene	ND	0.0500	ug/L								
Methoxychlor	ND	0.00500	"								
Heptachlor epoxide	ND	0.00100	"								
Heptachlor	ND	0.00100	"								
gamma-BHC (Lindane)	ND	0.00100	"								
Endrin ketone	ND	0.00100	"								
Endrin aldehyde	ND	0.00100	"								
Endrin	ND	0.00100	"								
Endosulfan sulfate	ND	0.00100	"								
Endosulfan II	ND	0.00100	"								
Endosulfan I	ND	0.00100	"								
Dieldrin	ND	0.00100	"								
delta-BHC	ND	0.00100	"								
Chlordane, total	ND	0.00400	"								
beta-BHC	ND	0.00100	"								
alpha-BHC	ND	0.00100	"								
Aldrin	ND	0.00100	"								
4,4'-DDT	ND	0.00100	"								
4,4'-DDE	ND	0.00100	"								
4,4'-DDD	ND	0.00100	"								
Aroclor 1260	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1221	ND	0.0500	"								
Aroclor 1016	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0845*		*"*	*0.203*		*41.6*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.107*		*"*	*0.215*		*49.9*	*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 BC40856 - EPA SW846-3510C Low Level											
LCS (BC40856-BS1)								Prepared & Analyzed: 03/21/2014			
Methoxychlor	0.0785	0.00500	ug/L	0.100		78.5	40-120				
Heptachlor epoxide	0.0533	0.00100	"	0.100		53.3	40-120				
Heptachlor	0.0470	0.00100	"	0.100		47.0	40-120				
gamma-BHC (Lindane)	0.0501	0.00100	"	0.100		50.1	40-120				
Endrin ketone	0.0647	0.00100	"	0.100		64.7	40-120				
Endrin aldehyde	0.0588	0.00100	"	0.100		58.8	40-120				
Endrin	0.0581	0.00100	"	0.100		58.1	40-120				
Endosulfan sulfate	0.0668	0.00100	"	0.100		66.8	40-120				
Endosulfan II	0.0594	0.00100	"	0.100		59.4	40-120				
Endosulfan I	0.0565	0.00100	"	0.100		56.5	40-120				
Dieldrin	0.0585	0.00100	"	0.100		58.5	40-120				
delta-BHC	0.0610	0.00100	"	0.100		61.0	40-120				
beta-BHC	0.0555	0.00100	"	0.100		55.5	40-120				
alpha-BHC	0.0498	0.00100	"	0.100		49.8	40-120				
Aldrin	0.0419	0.00100	"	0.100		41.9	40-120				
4,4'-DDT	0.0769	0.00100	"	0.100		76.9	40-120				
4,4'-DDE	0.0556	0.00100	"	0.100		55.6	40-120				
4,4'-DDD	0.0621	0.00100	"	0.100		62.1	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0888*		*"*	*0.203*		*43.7*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.116*		*"*	*0.215*		*54.1*	*30-120*				
LCS (BC40856-BS2)								Prepared & Analyzed: 03/21/2014			
Aroclor 1260	0.787	0.0500	ug/L	1.00		78.7	40-120				
Aroclor 1016	0.711	0.0500	"	1.00		71.1	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0880*		*"*	*0.203*		*43.3*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.116*		*"*	*0.215*		*54.0*	*30-120*				
LCS Dup (BC40856-BSD1)								Prepared & Analyzed: 03/21/2014			
Methoxychlor	0.0857	0.00500	ug/L	0.100		85.7	40-120		8.85	30	
Heptachlor epoxide	0.0631	0.00100	"	0.100		63.1	40-120		16.8	30	
Heptachlor	0.0565	0.00100	"	0.100		56.5	40-120		18.4	30	
gamma-BHC (Lindane)	0.0583	0.00100	"	0.100		58.3	40-120		15.1	30	
Endrin ketone	0.0734	0.00100	"	0.100		73.4	40-120		12.5	30	
Endrin aldehyde	0.0652	0.00100	"	0.100		65.2	40-120		10.3	30	
Endrin	0.0660	0.00100	"	0.100		66.0	40-120		12.7	30	
Endosulfan sulfate	0.0713	0.00100	"	0.100		71.3	40-120		6.50	30	
Endosulfan II	0.0673	0.00100	"	0.100		67.3	40-120		12.4	30	
Endosulfan I	0.0649	0.00100	"	0.100		64.9	40-120		13.9	30	
Dieldrin	0.0675	0.00100	"	0.100		67.5	40-120		14.3	30	
delta-BHC	0.0674	0.00100	"	0.100		67.4	40-120		10.0	30	
beta-BHC	0.0627	0.00100	"	0.100		62.7	40-120		12.2	30	
alpha-BHC	0.0583	0.00100	"	0.100		58.3	40-120		15.9	30	
Aldrin	0.0488	0.00100	"	0.100		48.8	40-120		15.2	30	
4,4'-DDT	0.0856	0.00100	"	0.100		85.6	40-120		10.6	30	
4,4'-DDE	0.0637	0.00100	"	0.100		63.7	40-120		13.5	30	
4,4'-DDD	0.0704	0.00100	"	0.100		70.4	40-120		12.5	30	
Surrogate: Tetrachloro-m-xylene	*0.106*		*"*	*0.203*		*52.2*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.129*		*"*	*0.215*		*60.1*	*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 BC40856 - EPA SW846-3510C Low Level											
LCS Dup (BC40856-BSD2)							Prepared & Analyzed: 03/21/2014				
Aroclor 1260	0.809	0.0500	ug/L	1.00		80.9	40-120		2.83	30	
Aroclor 1016	0.718	0.0500	"	1.00		71.8	40-120		0.980	30	
Surrogate: Tetrachloro-m-xylene	*0.0810*		*"*	*0.203*		*39.9*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.116*		*"*	*0.215*		*54.0*	*30-120*				

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 BC40897 - EPA 3010A											
Blank (BC40897-BLK1)								Prepared & Analyzed: 03/21/2014			
Aluminum - Dissolved	ND	0.010	mg/L								
Antimony - Dissolved	ND	0.005	"								
Arsenic - Dissolved	ND	0.004	"								
Barium - Dissolved	ND	0.010	"								
Beryllium - Dissolved	ND	0.001	"								
Cadmium - Dissolved	ND	0.003	"								
Calcium - Dissolved	ND	0.050	"								
Chromium - Dissolved	ND	0.005	"								
Cobalt - Dissolved	ND	0.005	"								
Copper - Dissolved	ND	0.003	"								
Iron - Dissolved	ND	0.020	"								
Lead - Dissolved	ND	0.003	"								
Magnesium - Dissolved	ND	0.050	"								
Manganese - Dissolved	ND	0.005	"								
Nickel - Dissolved	ND	0.005	"								
Potassium - Dissolved	ND	0.050	"								
Selenium - Dissolved	ND	0.010	"								
Silver - Dissolved	ND	0.005	"								
Sodium - Dissolved	ND	0.100	"								
Thallium - Dissolved	ND	0.005	"								
Vanadium - Dissolved	ND	0.010	"								
Zinc - Dissolved	ND	0.010	"								
Reference (BC40897-SRM1)								Prepared & Analyzed: 03/21/2014			
Aluminum - Dissolved	0.417	0.010	mg/L	0.419		99.5	75.9-124				
Antimony - Dissolved	0.424	0.005	"	0.435		97.6	69.4-121				
Arsenic - Dissolved	0.318	0.004	"	0.341		93.1	83.3-118				
Barium - Dissolved	1.21	0.010	"	1.18		103	86.4-113				
Beryllium - Dissolved	0.070	0.001	"	0.0749		93.6	83.3-113				
Cadmium - Dissolved	0.082	0.003	"	0.0854		96.4	84.4-115				
Chromium - Dissolved	0.648	0.005	"	0.644		101	87.1-113				
Cobalt - Dissolved	0.363	0.005	"	0.351		103	87.7-112				
Copper - Dissolved	0.502	0.003	"	0.521		96.3	90-110				
Iron - Dissolved	1.53	0.020	"	1.44		106	88.2-113				
Lead - Dissolved	0.513	0.003	"	0.517		99.2	87-113				
Manganese - Dissolved	1.73	0.005	"	1.73		99.9	90.2-111				
Nickel - Dissolved	1.48	0.005	"	1.52		97.3	90.1-112				
Selenium - Dissolved	0.333	0.010	"	0.362		92.0	78.7-116				
Silver - Dissolved	0.191	0.005	"	0.210		90.9	85.7-115				
Thallium - Dissolved	0.355	0.005	"	0.358		99.2	77.9-122				
Vanadium - Dissolved	1.41	0.010	"	1.51		93.6	87.4-112				
Zinc - Dissolved	1.68	0.010	"	1.69		99.4	85.8-114				

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 BC40897 - EPA 3010A											
Reference (BC40897-SRM2)							Prepared & Analyzed: 03/21/2014				
Calcium - Dissolved	62.4	0.050	mg/L	62.7		99.6	86-114				
Magnesium - Dissolved	28.7	0.050	"	29.0		99.1	86.2-114				
Potassium - Dissolved	33.3	0.050	"	32.4		103	85.2-115				
Sodium - Dissolved	85.7	0.100	"	85.1		101	85-115				
Batch BC40898 - EPA 3010A											
Reference (BC40898-SRM1)							Prepared & Analyzed: 03/21/2014				
Aluminum	0.414	0.010	mg/L	0.419		98.9	75.9-124				
Antimony	0.417	0.005	"	0.435		95.8	69.4-121				
Arsenic	0.310	0.004	"	0.341		91.0	83.3-118				
Barium	1.18	0.010	"	1.18		99.7	86.4-113				
Beryllium	0.069	0.001	"	0.0749		91.5	83.3-113				
Cadmium	0.079	0.003	"	0.0854		92.9	84.4-115				
Chromium	0.626	0.005	"	0.644		97.2	87.1-113				
Cobalt	0.350	0.005	"	0.351		99.6	87.7-112				
Copper	0.493	0.003	"	0.521		94.6	90-110				
Iron	1.47	0.020	"	1.44		102	88.2-113				
Lead	0.505	0.003	"	0.517		97.7	87-113				
Manganese	1.71	0.005	"	1.73		98.6	90.2-111				
Nickel	1.43	0.005	"	1.52		94.1	90.1-112				
Selenium	0.332	0.010	"	0.362		91.7	78.7-116				
Silver	0.184	0.005	"	0.210		87.8	85.7-115				
Thallium	0.350	0.005	"	0.358		97.8	77.9-122				
Vanadium	1.39	0.010	"	1.51		92.2	87.4-112				
Zinc	1.62	0.010	"	1.69		95.8	85.8-114				

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 BC40898 - EPA 3010A											
Reference (BC40898-SRM2)							Prepared & Analyzed: 03/21/2014				
Calcium	61.9	0.050	mg/L	62.7		98.7	86-114				
Magnesium	28.1	0.050	"	29.0		96.8	86.2-114				
Potassium	33.0	0.050	"	32.4		102	85.2-115				
Sodium	84.8	0.100	"	85.1		99.7	85-115				

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 BC40987 - EPA 7473 water											
Blank (BC40987-BLK1)								Prepared: 03/25/2014 Analyzed: 03/26/2014			
Mercury - Dissolved	ND	0.00020	mg/L								
Mercury	ND	0.00020	"								
Reference (BC40987-SRM1)								Prepared: 03/25/2014 Analyzed: 03/26/2014			
Mercury - Dissolved	0.0019836		mg/kg	0.00230		86.2	61.3-135				
Mercury	0.00198		"	0.00230		86.2	61.3-135				

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 BC40890 - Analysis Preparation											
Blank (BC40890-BLK1)								Prepared & Analyzed: 03/21/2014			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BC40890-BS1)								Prepared & Analyzed: 03/21/2014			
Chromium, Hexavalent	0.508	0.0100	mg/L	0.500		102	80-120				
LCS Dup (BC40890-BSD1)								Prepared & Analyzed: 03/21/2014			
Chromium, Hexavalent	0.568	0.0100	mg/L	0.500		114	80-120		11.2	20	
Duplicate (BC40890-DUP1)	*Source sample: 14C0672-01 (MW-1)							Prepared & Analyzed: 03/21/2014			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14C0672-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14C0672-03	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
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-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.
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
GC-Surr	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the alternate surrogate.
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.

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*	Analyte is not certified or the state (NY) does not offer certification for the Analyte.
ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
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 MDL, with values between the MDL and the RL being "J" flagged as estimated results.

Corrective Action: No analysis required on the filed blank sample per the client.

Lab received sample for Hexvalent Chromium analysis out of holding time.

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. 14C672

YOUR Information

Company: Hydro Tech Env. Corp.
Address: 13 Ocean Avenue, 2nd Floor, Brooklyn, NY
Phone No. 718-636-0800
Contact Person: Paul Modli
E-Mail Address: pmodli@intercorp.info

Report To:

Company:
Address:
Phone No.
Attention:
E-Mail Address:

SAME

Invoice To:

Company:
Address: 77 Arkay Drive, Ste. G, Hauppauge, NY
Phone No. 631-462-5866
Attention: Muslima Wad
E-Mail Address: mwad@intercorp.info

YOUR Project ID

140048-346 W 40th Street, New York

Purchase Order No.

5872

Samples from: CT___ NY X 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 ____
- 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** X

Compare to the following Regs. (please fill in): NYSTOGS 1.1.1 GWS

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)

Ezgi Karayel
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)
MW-1	GW ↔	3/13/14	8260, 8270, 8081/8082, TAL Metals (filtered unfiltered), Chromium	3 ambers, 3 vials, 2 plastics
Field Blank	DI W ↔	↓	↓	↓
Trip Blank	DI W ↔	↓	↓	2 40ml vials

Comments

E-designation project

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
Marlen Wad	3/20/14 1210 pm	R Baker	3/20/14 12 10 pm
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		C. Schreck	3/20/14 1720

Temperature on Receipt 36°C

APPENDIX-J

LABORATORY DATA DELIVERABLES FOR SOIL VAPOR ANALYTICAL DATA

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Paul Matli

Report Date: 03/26/2014
Client Project ID: 140048-346 W 40th Street, New York
York Project (SDG) No.: 14C0687

Report Date: 03/26/2014
Client Project ID: 140048-346 W 40th Street, New York
York Project (SDG) No.: 14C0687

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Paul Matli

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 March 20, 2014 and listed below. The project was identified as your project: **140048-346 W 40th Street, New York**.

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
14C0687-02	SV-2 (Y61)	Soil Vapor	03/19/2014	03/20/2014
14C0687-03	SV-3 (41)	Soil Vapor	03/19/2014	03/20/2014
14C0687-04	SV-4 (Y69)	Soil Vapor	03/19/2014	03/20/2014
14C0687-05	AO (S16)	Outdoor Ambient Air	03/19/2014	03/20/2014

General Notes for York Project (SDG) No.: 14C0687

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: 03/26/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **SV-2 (Y61)** **York Sample ID:** **14C0687-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0687	140048-346 W 40th Street, New York	Soil Vapor	March 19, 2014 3:00 pm	03/20/2014

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	5.0	5.0	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
108-05-4	Vinyl acetate	ND		ug/m³	6.9	6.9	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
79-01-6	Trichloroethylene	ND		ug/m³	5.3	5.3	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.9	8.9	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.8	7.8	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
108-88-3	**Toluene**	**35**		ug/m³	7.4	7.4	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
109-99-9	*** Tetrahydrofuran**	**7.6**		ug/m³	5.8	5.8	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
127-18-4	Tetrachloroethylene	ND		ug/m³	13	13	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
100-42-5	Styrene	ND		ug/m³	8.4	8.4	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
115-07-1	* Propylene	ND		ug/m³	3.4	3.4	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
622-96-8	* p-Ethyltoluene	ND		ug/m³	9.7	9.7	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
179601-23-1	**p- & m- Xylenes**	**21**		ug/m³	17	17	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
95-47-6	o-Xylene	ND		ug/m³	8.6	8.6	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
110-54-3	**n-Hexane**	**19**		ug/m³	6.9	6.9	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
142-82-5	n-Heptane	ND		ug/m³	8.1	8.1	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
75-09-2	**Methylene chloride**	**18**	B	ug/m³	6.8	6.8	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.1	7.1	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.1	8.1	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
67-63-0	Isopropanol	ND		ug/m³	9.7	9.7	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
87-68-3	Hexachlorobutadiene	ND		ug/m³	21	21	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
100-41-4	Ethyl Benzene	ND		ug/m³	8.6	8.6	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
141-78-6	* Ethyl acetate	ND		ug/m³	7.1	7.1	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
110-82-7	Cyclohexane	ND		ug/m³	6.8	6.8	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.9	8.9	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.8	7.8	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
74-87-3	Chloromethane	ND		ug/m³	4.1	4.1	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
67-66-3	Chloroform	ND		ug/m³	9.6	9.6	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
75-00-3	Chloroethane	ND		ug/m³	5.2	5.2	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
56-23-5	Carbon tetrachloride	ND		ug/m³	6.2	6.2	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
75-15-0	Carbon disulfide	ND		ug/m³	6.1	6.1	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
74-83-9	Bromomethane	ND		ug/m³	7.7	7.7	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
75-25-2	Bromoform	ND		ug/m³	20	20	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
75-27-4	Bromodichloromethane	ND		ug/m³	12	12	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
100-44-7	Benzyl chloride	ND		ug/m³	10	10	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
71-43-2	Benzene	ND		ug/m³	6.3	6.3	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
67-64-1	**Acetone**	**12**		ug/m³	4.7	4.7	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB

Sample Information

Client Sample ID: **SV-2 (Y61)** **York Sample ID:** **14C0687-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0687	140048-346 W 40th Street, New York	Soil Vapor	March 19, 2014 3:00 pm	03/20/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	16	16	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
78-93-3	2-Butanone	ND		ug/m³	5.8	5.8	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
123-91-1	1,4-Dioxane	ND		ug/m³	7.1	7.1	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	12	12	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	12	12	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
106-99-0	1,3-Butadiene	ND		ug/m³	8.5	8.5	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	9.7	9.7	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	14	14	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.1	9.1	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.0	8.0	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	12	12	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
95-63-6	**1,2,4-Trimethylbenzene**	**9.7**		ug/m³	9.7	9.7	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	15	15	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.8	7.8	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.0	8.0	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	11	11	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	15	15	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	14	14	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.7	9.7	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
106-93-4	1,2-Dibromoethane	ND		ug/m³	15	15	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
124-48-1	Dibromochloromethane	ND		ug/m³	16	16	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
80-62-6	Methyl Methacrylate	ND		ug/m³	8.1	8.1	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB
108-90-7	Chlorobenzene	ND		ug/m³	9.1	9.1	19.38	EPA TO-15	03/21/2014 11:33	03/21/2014 11:33	RQB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.4 %*	*70-130*

Sample Information

Client Sample ID: **SV-2 (Y61)** **York Sample ID:** **14C0687-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0687	140048-346 W 40th Street, New York	Soil Vapor	March 19, 2014 3:00 pm	03/20/2014

Helium

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

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-59-7	* Helium	ND		%	0.97	0.97	1.938	GC/TCD	03/26/2014 06:54	03/26/2014 10:01	JW

Sample Information

Client Sample ID: **SV-3 (41)** **York Sample ID:** **14C0687-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0687	140048-346 W 40th Street, New York	Soil Vapor	March 19, 2014 3:00 pm	03/20/2014

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	8.1	8.1	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
108-05-4	Vinyl acetate	ND		ug/m³	11	11	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
79-01-6	Trichloroethylene	ND		ug/m³	8.5	8.5	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	14	14	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	13	13	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
108-88-3	**Toluene**	**14**		ug/m³	12	12	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
109-99-9	* Tetrahydrofuran	ND		ug/m³	9.4	9.4	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
127-18-4	Tetrachloroethylene	ND		ug/m³	22	22	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
100-42-5	Styrene	ND		ug/m³	14	14	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
115-07-1	*** Propylene**	**20**		ug/m³	5.5	5.5	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
622-96-8	* p-Ethyltoluene	ND		ug/m³	16	16	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
179601-23-1	p- & m- Xylenes	ND		ug/m³	28	28	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
95-47-6	o-Xylene	ND		ug/m³	14	14	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
110-54-3	**n-Hexane**	**15**		ug/m³	11	11	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
142-82-5	n-Heptane	ND		ug/m³	13	13	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
75-09-2	Methylene chloride	ND		ug/m³	11	11	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	11	11	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	13	13	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
67-63-0	Isopropanol	ND		ug/m³	16	16	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
87-68-3	Hexachlorobutadiene	ND		ug/m³	34	34	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
100-41-4	Ethyl Benzene	ND		ug/m³	14	14	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
141-78-6	* Ethyl acetate	ND		ug/m³	11	11	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
110-82-7	Cyclohexane	ND		ug/m³	11	11	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB

Sample Information

Client Sample ID: SV-3 (41) **York Sample ID:** 14C0687-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0687	140048-346 W 40th Street, New York	Soil Vapor	March 19, 2014 3:00 pm	03/20/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	14	14	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	13	13	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
74-87-3	Chloromethane	ND		ug/m³	6.6	6.6	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
67-66-3	**Chloroform**	**53**		ug/m³	15	15	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
75-00-3	Chloroethane	ND		ug/m³	8.4	8.4	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
56-23-5	Carbon tetrachloride	ND		ug/m³	10	10	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
75-15-0	Carbon disulfide	ND		ug/m³	9.9	9.9	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
74-83-9	Bromomethane	ND		ug/m³	12	12	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
75-25-2	Bromoform	ND		ug/m³	33	33	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
75-27-4	Bromodichloromethane	ND		ug/m³	20	20	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
100-44-7	Benzyl chloride	ND		ug/m³	16	16	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
71-43-2	Benzene	ND		ug/m³	10	10	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
67-64-1	**Acetone**	**11**		ug/m³	7.5	7.5	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
591-78-6	* 2-Hexanone	ND		ug/m³	26	26	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
78-93-3	2-Butanone	ND		ug/m³	9.4	9.4	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
123-91-1	1,4-Dioxane	ND		ug/m³	11	11	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	19	19	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	19	19	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
106-99-0	1,3-Butadiene	ND		ug/m³	14	14	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	16	16	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	22	22	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
78-87-5	1,2-Dichloropropane	ND		ug/m³	15	15	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
107-06-2	1,2-Dichloroethane	ND		ug/m³	13	13	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	19	19	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	16	16	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	24	24	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	13	13	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
75-34-3	1,1-Dichloroethane	ND		ug/m³	13	13	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	18	18	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	17	17	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	24	24	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	22	22	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	17	17	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
75-71-8	Dichlorodifluoromethane	ND		ug/m³	16	16	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
106-93-4	1,2-Dibromoethane	ND		ug/m³	24	24	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
124-48-1	Dibromochloromethane	ND		ug/m³	25	25	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB

Sample Information

Client Sample ID: SV-3 (41) **York Sample ID:** 14C0687-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0687	140048-346 W 40th Street, New York	Soil Vapor	March 19, 2014 3:00 pm	03/20/2014

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	13	13	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB
108-90-7	Chlorobenzene	ND		ug/m³	15	15	31.2	EPA TO-15	03/21/2014 12:13	03/21/2014 12:13	RQB

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

Helium

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

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-59-7	* Helium	ND		%	1.6	1.6	3.12	GC/TCD	03/26/2014 06:54	03/26/2014 10:01	JW

Sample Information

Client Sample ID: SV-4 (Y69) **York Sample ID:** 14C0687-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0687	140048-346 W 40th Street, New York	Soil Vapor	March 19, 2014 3:00 pm	03/20/2014

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	4.7	4.7	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
108-05-4	Vinyl acetate	ND		ug/m³	6.4	6.4	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
79-01-6	Trichloroethylene	ND		ug/m³	4.9	4.9	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.3	8.3	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.3	7.3	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
108-88-3	**Toluene**	**500**		ug/m³	6.9	6.9	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
109-99-9	* Tetrahydrofuran	ND		ug/m³	5.4	5.4	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
127-18-4	Tetrachloroethylene	ND		ug/m³	12	12	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
100-42-5	Styrene	ND		ug/m³	7.8	7.8	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
115-07-1	*** Propylene**	**5.7**		ug/m³	3.2	3.2	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
622-96-8	*** p-Ethyltoluene**	**130**		ug/m³	9.0	9.0	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
179601-23-1	**p- & m- Xylenes**	**1500**		ug/m³	16	16	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
95-47-6	**o-Xylene**	**1400**		ug/m³	7.9	7.9	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
110-54-3	**n-Hexane**	**340**		ug/m³	6.5	6.5	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
142-82-5	**n-Heptane**	**410**		ug/m³	7.5	7.5	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB

Sample Information

Client Sample ID: **SV-4 (Y69)** **York Sample ID:** **14C0687-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0687	140048-346 W 40th Street, New York	Soil Vapor	March 19, 2014 3:00 pm	03/20/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/m³	6.4	6.4	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.6	6.6	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.5	7.5	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
67-63-0	Isopropanol	ND		ug/m³	9.0	9.0	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
87-68-3	Hexachlorobutadiene	ND		ug/m³	20	20	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
100-41-4	**Ethyl Benzene**	**1200**		ug/m³	7.9	7.9	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
141-78-6	* Ethyl acetate	ND		ug/m³	6.6	6.6	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
110-82-7	**Cyclohexane**	**700**		ug/m³	6.3	6.3	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.3	8.3	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.3	7.3	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
74-87-3	Chloromethane	ND		ug/m³	3.8	3.8	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
67-66-3	**Chloroform**	**47**		ug/m³	8.9	8.9	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
75-00-3	Chloroethane	ND		ug/m³	4.8	4.8	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
56-23-5	Carbon tetrachloride	ND		ug/m³	5.8	5.8	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
75-15-0	**Carbon disulfide**	**9.7**		ug/m³	5.7	5.7	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
74-83-9	Bromomethane	ND		ug/m³	7.1	7.1	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
75-25-2	Bromoform	ND		ug/m³	19	19	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
100-44-7	Benzyl chloride	ND		ug/m³	9.5	9.5	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
71-43-2	**Benzene**	**81**		ug/m³	5.8	5.8	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
67-64-1	**Acetone**	**22**		ug/m³	4.4	4.4	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
591-78-6	* 2-Hexanone	ND		ug/m³	15	15	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
78-93-3	**2-Butanone**	**7.0**		ug/m³	5.4	5.4	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
123-91-1	1,4-Dioxane	ND		ug/m³	6.6	6.6	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	11	11	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	11	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
106-99-0	1,3-Butadiene	ND		ug/m³	7.9	7.9	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
108-67-8	**1,3,5-Trimethylbenzene**	**68**		ug/m³	9.0	9.0	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	13	13	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.5	8.5	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.4	7.4	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	11	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
95-63-6	**1,2,4-Trimethylbenzene**	**58**		ug/m³	9.0	9.0	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	14	14	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.3	7.3	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.4	7.4	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	10	10	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB

Sample Information

Client Sample ID: SV-4 (Y69) **York Sample ID:** 14C0687-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0687	140048-346 W 40th Street, New York	Soil Vapor	March 19, 2014 3:00 pm	03/20/2014

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	10	10	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	14	14	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	13	13	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	10	10	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.1	9.1	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
106-93-4	1,2-Dibromoethane	ND		ug/m³	14	14	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
124-48-1	Dibromochloromethane	ND		ug/m³	15	15	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
80-62-6	Methyl Methacrylate	ND		ug/m³	7.5	7.5	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB
108-90-7	Chlorobenzene	ND		ug/m³	8.4	8.4	18	EPA TO-15	03/21/2014 12:54	03/21/2014 12:54	RQB

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.1 %*	*70-130*

Helium

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

Sample Prepared by Method: PREP for GASES by GC

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-59-7	* Helium	ND		%	0.90	0.90	1.8	GC/TCD	03/26/2014 06:54	03/26/2014 10:01	JW

Sample Information

Client Sample ID: AO (S16) **York Sample ID:** 14C0687-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0687	140048-346 W 40th Street, New York	Outdoor Ambient Air	March 19, 2014 3:00 pm	03/20/2014

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
79-01-6	Trichloroethylene	ND		ug/m³	0.27	0.27	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
108-88-3	**Toluene**	**46**		ug/m³	0.38	0.38	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
109-99-9	*** Tetrahydrofuran**	**9.6**		ug/m³	0.30	0.30	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
127-18-4	**Tetrachloroethylene**	**1.4**		ug/m³	0.69	0.69	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB

Sample Information

Client Sample ID: **AO (S16)** **York Sample ID:** **14C0687-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0687	140048-346 W 40th Street, New York	Outdoor Ambient Air	March 19, 2014 3:00 pm	03/20/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-42-5	**Styrene**	**2.7**		ug/m³	0.43	0.43	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
115-07-1	*** Propylene**	**19**		ug/m³	0.18	0.18	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
622-96-8	*** p-Ethyltoluene**	**28**		ug/m³	0.50	0.50	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
179601-23-1	**p- & m- Xylenes**	**45**		ug/m³	0.88	0.88	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
95-47-6	**o-Xylene**	**17**		ug/m³	0.44	0.44	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
110-54-3	**n-Hexane**	**20**		ug/m³	0.36	0.36	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
142-82-5	**n-Heptane**	**11**		ug/m³	0.42	0.42	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
75-09-2	**Methylene chloride**	**10**	B	ug/m³	0.35	0.35	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	0.37	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.42	0.42	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
67-63-0	**Isopropanol**	**21**		ug/m³	0.50	0.50	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
100-41-4	**Ethyl Benzene**	**13**		ug/m³	0.44	0.44	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
141-78-6	* Ethyl acetate	ND		ug/m³	0.37	0.37	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
110-82-7	**Cyclohexane**	**5.8**		ug/m³	0.35	0.35	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
74-87-3	**Chloromethane**	**1.3**		ug/m³	0.21	0.21	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
67-66-3	Chloroform	ND		ug/m³	0.50	0.50	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
56-23-5	**Carbon tetrachloride**	**0.64**		ug/m³	0.32	0.32	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
75-15-0	**Carbon disulfide**	**0.41**		ug/m³	0.32	0.32	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.63	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
100-44-7	Benzyl chloride	ND		ug/m³	0.53	0.53	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
71-43-2	**Benzene**	**14**		ug/m³	0.32	0.32	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
67-64-1	**Acetone**	**14**		ug/m³	0.24	0.24	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
591-78-6	* 2-Hexanone	ND		ug/m³	0.83	0.83	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
78-93-3	**2-Butanone**	**4.0**		ug/m³	0.30	0.30	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
106-99-0	**1,3-Butadiene**	**6.9**		ug/m³	0.44	0.44	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
108-67-8	**1,3,5-Trimethylbenzene**	**8.7**		ug/m³	0.50	0.50	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	0.71	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB

Sample Information

Client Sample ID: **AO (S16)** **York Sample ID:** **14C0687-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14C0687	140048-346 W 40th Street, New York	Outdoor Ambient Air	March 19, 2014 3:00 pm	03/20/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
95-63-6	**1,2,4-Trimethylbenzene**	**32**		ug/m³	0.50	0.50	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.8**		ug/m³	0.57	0.57	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.78	0.78	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
75-71-8	**Dichlorodifluoromethane**	**3.0**		ug/m³	0.50	0.50	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.82	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
80-62-6	Methyl Methacrylate	ND		ug/m³	0.42	0.42	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1	EPA TO-15	03/21/2014 10:05	03/21/2014 10:05	RQB

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

Analytical Batch Summary

Batch ID: BC40894 **Preparation Method:** EPA TO15 PREP **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14C0687-02	SV-2 (Y61)	03/21/14
14C0687-03	SV-3 (41)	03/21/14
14C0687-04	SV-4 (Y69)	03/21/14
14C0687-05	AO (S16)	03/21/14
BC40894-BLK1	Blank	03/21/14
BC40894-BS1	LCS	03/21/14
BC40894-DUP1	Duplicate	03/21/14

Batch ID: BC41059 **Preparation Method:** PREP for GASES by GC **Prepared By:** JW

YORK Sample ID	Client Sample ID	Preparation Date
14C0687-02	SV-2 (Y61)	03/26/14
14C0687-03	SV-3 (41)	03/26/14
14C0687-04	SV-4 (Y69)	03/26/14
BC41059-BLK1	Blank	03/26/14
BC41059-DUP1	Duplicate	03/26/14

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 BC40894 - EPA TO15 PREP											
Blank (BC40894-BLK1)								Prepared & Analyzed: 03/21/2014			
Vinyl Chloride	ND	0.26	ug/m³								
Vinyl acetate	ND	0.36	"								
Trichloroethylene	ND	0.27	"								
trans-1,3-Dichloropropylene	ND	0.46	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
Toluene	ND	0.38	"								
Tetrahydrofuran	ND	0.30	"								
Tetrachloroethylene	ND	0.69	"								
Styrene	ND	0.43	"								
Propylene	ND	0.18	"								
p-Ethyltoluene	ND	0.50	"								
p- & m- Xylenes	ND	0.88	"								
o-Xylene	ND	0.44	"								
n-Hexane	ND	0.36	"								
n-Heptane	ND	0.42	"								
Methylene chloride	0.46	0.35	"								
Methyl tert-butyl ether (MTBE)	ND	0.37	"								
4-Methyl-2-pentanone	ND	0.42	"								
Isopropanol	ND	0.50	"								
Hexachlorobutadiene	ND	1.1	"								
Ethyl Benzene	ND	0.44	"								
Ethyl acetate	ND	0.37	"								
Cyclohexane	ND	0.35	"								
cis-1,3-Dichloropropylene	ND	0.46	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
Chloromethane	ND	0.21	"								
Chloroform	ND	0.50	"								
Chloroethane	ND	0.27	"								
Carbon tetrachloride	ND	0.32	"								
Carbon disulfide	ND	0.32	"								
Bromomethane	ND	0.39	"								
Bromoform	ND	1.1	"								
Bromodichloromethane	ND	0.63	"								
Benzyl chloride	ND	0.53	"								
Benzene	ND	0.32	"								
Acetone	ND	0.24	"								
2-Hexanone	ND	0.83	"								
2-Butanone	ND	0.30	"								
1,4-Dioxane	ND	0.37	"								
1,4-Dichlorobenzene	ND	0.61	"								
1,3-Dichlorobenzene	ND	0.61	"								
1,3-Butadiene	ND	0.44	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorotetrafluoroethane	ND	0.71	"								
1,2-Dichloropropane	ND	0.47	"								
1,2-Dichloroethane	ND	0.41	"								
1,2-Dichlorobenzene	ND	0.61	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.75	"								
1,1-Dichloroethylene	ND	0.40	"								
1,1-Dichloroethane	ND	0.41	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC40894 - EPA TO15 PREP											
Blank (BC40894-BLK1)								Prepared & Analyzed: 03/21/2014			
Trichlorofluoromethane (Freon 11)	ND	0.57	ug/m³								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"								
1,1,2,2-Tetrachloroethane	ND	0.70	"								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.50	"								
1,2-Dibromoethane	ND	0.78	"								
Dibromochloromethane	ND	0.82	"								
Methyl Methacrylate	ND	0.42	"								
Chlorobenzene	ND	0.47	"								
Surrogate: p-Bromofluorobenzene	*9.96*		*ppbv*	*10.6*		*94.0*	*70-130*				
LCS (BC40894-BS1)								Prepared & Analyzed: 03/21/2014			
Vinyl Chloride	7.25		ppbv	10.2		71.1	70-130				
Vinyl acetate	8.52		"	10.8		78.9	58.1-135				
Trichloroethylene	10.8		"	9.90		109	70-130				
trans-1,3-Dichloropropylene	12.1		"	10.9		111	62-135				
trans-1,2-Dichloroethylene	7.84		"	9.70		80.8	58.3-130				
Toluene	11.6		"	10.4		112	64.9-126				
Tetrahydrofuran	8.76		"	9.20		95.2	44.6-146				
Tetrachloroethylene	11.3		"	10.0		113	70-130				
Styrene	12.2		"	10.3		118	66.4-132				
Propylene	7.62		"	10.4		73.3	62.4-150				
p-Ethyltoluene	12.5		"	10.1		124	73.8-146				
p- & m- Xylenes	21.7		"	20.2		107	56.6-136				
o-Xylene	10.8		"	10.5		103	67.8-133				
n-Hexane	8.24		"	10.0		82.4	59.7-130				
n-Heptane	7.75		"	10.3		75.2	62.3-134				
Methylene chloride	6.86		"	9.90		69.3	62.6-130				
Methyl tert-butyl ether (MTBE)	9.72		"	9.80		99.2	60.7-139				
4-Methyl-2-pentanone	12.0		"	9.20		130	64.5-158				
Isopropanol	11.6		"	12.0		96.7	60-150				
Hexachlorobutadiene	14.4		"	9.90		145	61.2-150				
Ethyl Benzene	11.3		"	10.3		110	68.4-125				
Ethyl acetate	8.09		"	8.50		95.2	40.6-150				
Cyclohexane	8.30		"	10.1		82.2	60.4-127				
cis-1,3-Dichloropropylene	12.2		"	10.5		117	65.5-129				
cis-1,2-Dichloroethylene	8.17		"	10.3		79.3	51.3-118				
Chloromethane	6.51		"	10.1		64.5	64.9-130	Low Bias			
Chloroform	8.81		"	10.1		87.2	65.1-130				
Chloroethane	6.90		"	9.90		69.7	52.1-131				
Carbon tetrachloride	8.79		"	10.2		86.2	70-130				
Carbon disulfide	8.31		"	10.5		79.1	61.8-111				
Bromomethane	7.18		"	9.90		72.5	60.1-140				
Bromoform	11.7		"	10.1		116	58.7-150				
Bromodichloromethane	10.4		"	9.90		105	65.3-127				
Benzyl chloride	13.7		"	10.2		135	62.5-150				
Benzene	8.34		"	10.2		81.8	69.5-130				
Acetone	7.92		"	9.80		80.8	55.3-133				
2-Hexanone	16.2		"	9.30		175	52-150	High Bias			
2-Butanone	9.61		"	9.40		102	28.5-154				
1,4-Dioxane	17.0		"	9.90		171	50-150	High Bias			

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 BC40894 - EPA TO15 PREP											
LCS (BC40894-BS1)								Prepared & Analyzed: 03/21/2014			
1,4-Dichlorobenzene	11.5		ppbv	10.2		113	62.5-139				
1,3-Dichlorobenzene	11.8		"	10.2		116	71.9-153				
1,3-Butadiene	7.16		"	10.1		70.9	66.7-127				
1,3,5-Trimethylbenzene	12.1		"	10.2		119	65-152				
1,2-Dichlorotetrafluoroethane	6.89		"	10.2		67.5	63.3-129				
1,2-Dichloropropane	10.2		"	10.3		99.5	21.3-152				
1,2-Dichloroethane	8.13		"	10.1		80.5	51.2-124				
1,2-Dichlorobenzene	11.6		"	10.1		115	63.7-148				
1,2,4-Trimethylbenzene	12.6		"	10.2		123	67.9-152				
1,2,4-Trichlorobenzene	15.4		"	9.60		160	58-147	High Bias			
1,1-Dichloroethylene	8.03		"	10.0		80.3	58.1-130				
1,1-Dichloroethane	7.93		"	10.0		79.3	63.3-130				
Trichlorofluoromethane (Freon 11)	7.79		"	10.5		74.2	56-132				
1,1,2-Trichloroethane	11.2		"	10.3		109	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.44		"	9.70		87.0	60.2-125				
1,1,2,2-Tetrachloroethane	11.1		"	10.5		106	63.7-132				
1,1,1-Trichloroethane	8.83		"	9.90		89.2	58.2-126				
Dichlorodifluoromethane	7.97		"	10.0		79.7	62.8-133				
1,2-Dibromoethane	11.8		"	10.3		114	70-130				
Dibromochloromethane	11.7		"	10.3		113	70-130				
Methyl Methacrylate	9.18		"	9.50		96.6	70-130				
Chlorobenzene	10.8		"	10.4		103	67.6-122				
Surrogate: p-Bromofluorobenzene	*10.6*		*"*	*10.6*		*99.7*	*70-130*				
Duplicate (BC40894-DUP1)	*Source sample: 14C0687-05 (AO (S16))							Prepared & Analyzed: 03/21/2014			
Vinyl Chloride	ND	0.26	ug/m³		ND					25	
Vinyl acetate	ND	0.36	"		ND					25	
Trichloroethylene	ND	0.27	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.46	"		ND					25	
trans-1,2-Dichloroethylene	ND	0.40	"		ND					25	
Toluene	46	0.38	"		46				0.833	25	
Tetrahydrofuran	9.6	0.30	"		9.6				0.625	25	
Tetrachloroethylene	1.6	0.69	"		1.4				9.09	25	
Styrene	ND	0.43	"		2.7					25	
Propylene	19	0.18	"		19				0.277	25	
p-Ethyltoluene	27	0.50	"		28				1.81	25	
p- & m- Xylenes	44	0.88	"		45				0.892	25	
o-Xylene	17	0.44	"		17				1.53	25	
n-Hexane	21	0.36	"		20				3.00	25	
n-Heptane	11	0.42	"		11				3.35	25	
Methylene chloride	10	0.35	"		10				1.76	25	
Methyl tert-butyl ether (MTBE)	ND	0.37	"		ND					25	
4-Methyl-2-pentanone	ND	0.42	"		ND					25	
Isopropanol	21	0.50	"		21				2.16	25	
Hexachlorobutadiene	ND	1.1	"		ND					25	
Ethyl Benzene	13	0.44	"		13				0.00	25	
Ethyl acetate	ND	0.37	"		ND					25	
Cyclohexane	5.9	0.35	"		5.8				2.40	25	
cis-1,3-Dichloropropylene	ND	0.46	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.40	"		ND					25	
Chloromethane	1.3	0.21	"		1.3				1.65	25	
Chloroform	ND	0.50	"		ND					25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BC40894 - EPA TO15 PREP											
Duplicate (BC40894-DUP1)	*Source sample: 14C0687-05 (AO (S16))							Prepared & Analyzed: 03/21/2014			
Chloroethane	ND	0.27	ug/m³		ND					25	
Carbon tetrachloride	0.77	0.32	"		0.64				18.2	25	
Carbon disulfide	0.48	0.32	"		0.41				14.3	25	
Bromomethane	ND	0.39	"		ND					25	
Bromoform	ND	1.1	"		ND					25	
Bromodichloromethane	ND	0.63	"		ND					25	
Benzyl chloride	ND	0.53	"		ND					25	
Benzene	15	0.32	"		14				2.47	25	
Acetone	14	0.24	"		14				0.167	25	
2-Hexanone	ND	0.83	"		ND					25	
2-Butanone	4.0	0.30	"		4.0				1.49	25	
1,4-Dioxane	ND	0.37	"		ND					25	
1,4-Dichlorobenzene	ND	0.61	"		ND					25	
1,3-Dichlorobenzene	ND	0.61	"		ND					25	
1,3-Butadiene	7.5	0.44	"		6.9				8.59	25	
1,3,5-Trimethylbenzene	8.6	0.50	"		8.7				1.15	25	
1,2-Dichlorotetrafluoroethane	ND	0.71	"		ND					25	
1,2-Dichloropropane	ND	0.47	"		ND					25	
1,2-Dichloroethane	ND	0.41	"		ND					25	
1,2-Dichlorobenzene	ND	0.61	"		ND					25	
1,2,4-Trimethylbenzene	32	0.50	"		32				1.88	25	
1,2,4-Trichlorobenzene	ND	0.75	"		ND					25	
1,1-Dichloroethylene	ND	0.40	"		ND					25	
1,1-Dichloroethane	ND	0.41	"		ND					25	
Trichlorofluoromethane (Freon 11)	1.9	0.57	"		1.8				6.06	25	
1,1,2-Trichloroethane	ND	0.55	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	0.70	"		ND					25	
1,1,1-Trichloroethane	ND	0.55	"		ND					25	
Dichlorodifluoromethane	3.1	0.50	"		3.0				4.96	25	
1,2-Dibromoethane	ND	0.78	"		ND					25	
Dibromochloromethane	ND	0.82	"		ND					25	
Methyl Methacrylate	ND	0.42	"		ND					25	
Chlorobenzene	ND	0.47	"		ND					25	
Surrogate: p-Bromofluorobenzene	*10.2*		*ppbv*	*10.6*		*95.9*	*70-130*				

Gas Chromatography/Thermal Conductivity 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 BC41059 - PREP for GASES by GC											
Blank (BC41059-BLK1)								Prepared & Analyzed: 03/26/2014			
Helium	ND	0.50	%								
Duplicate (BC41059-DUP1)	*Source sample: 14C0687-02 (SV-2 (Y61))							Prepared & Analyzed: 03/26/2014			
Helium	ND	0.97	%		ND					20	

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
CCV-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 (NY) does not offer certification for the Analyte.
ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
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 MDL, with values between the MDL and the RL being "J" flagged as estimated results.

Corrective Action: Soil vapor SV-1 was not collected due to soil matrix issues.

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record - AIR

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 unless superseded by written contract.

York Project No. 13C0687

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: Hydro Tech Env. Corp.	Company:	Company: SAME	140048-346 W 40th Street, New York	RUSH - Same Day ☐	Summary Report ____
Address: 15 Ocean Avenue, 2nd Floor, Brooklyn, NY	Address:	Address: 77 Arkay Drive, Suite: G, Hauppauge, NY	Purchase Order No. 5873	RUSH - Next Day ☐	Summary w/ QA Summary ____
Phone No. 718-636-0800	Phone No:	Phone No. 631-462-5866		RUSH - Two Day ☐	CT RCP Package ____
Contact Person: Paul Matli	Attention:	Attention: Muslima Ward		RUSH - Three Day ☐	NY ASP A Package ____
E-Mail Address: pmatli@htecorp.info	E-Mail Address:	E-Mail Address: mward@htecorp.info	Samples from: CT___ NY X 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 X

SAME

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)

Ezgi Karayel
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

TO15 Volatiles and Other Gas Analyses

EPA TO-15 List	EPA TO-14A List
NYSDEC VI list	Tentatively Identified Compounds
NYSDEC STARS List	Air VPH
Project Specific List by TO-15	Helium
NJDEP Target List	Methane
CTDEP RCP Target List	OTHER_____

Detection Limits Required

≤ 1 ug/m³ ____
NYSDEC VI Limits____ (VI = vapor intrusion)
NJDEP low level ____
Routine Survey ____
Other_____

Special Instructions

NYSDOH indoor & outdoor

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
SV-1 (15612)	3/19/14	AS	-30	30	TO-15, Helium	6 Liter Summa canister X / Tedlar Bag ____
SV-2 (Y61)	↓	↓	-25	-4	↓	6 Liter Summa canister X / Tedlar Bag ____
SV-3 (41)	↓	↓	-30	-20	↓	6 Liter Summa canister X / Tedlar Bag ____
SV-4 (Y69)	↓	↓	-27	0	↓	6 Liter Summa canister X / Tedlar Bag ____
AO (S16)	↓	AO	-30	-15	↓	6 Liter Summa canister X / Tedlar Bag ____
						6 Liter Summa canister ____ / Tedlar Bag ____
						6 Liter Summa canister ____ / Tedlar Bag ____
						6 Liter Summa canister ____ / Tedlar Bag ____
						6 Liter Summa canister ____ / Tedlar Bag ____
						6 Liter Summa canister ____ / Tedlar Bag ____

Comments

E-designation project
-problem with flow meters.

Samples Relinquished By — Date/Time: 3/20/14 12:10 pm

Samples Relinquished By — Date/Time: ____

Samples Received By — Date/Time: 3/20/14 12:10 pm

Samples Received in LAB by — Date/Time: 3/20/14 - 1720