82 BROWN PLACE

BRONX, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: 15CVCP042X

OER Project number: 13EH-N078X

Prepared for:

Superior Glen Construction

203 Prospect Avenue, Cedarhurst, NY 11516

tejisandhu@aol.com

Prepared by:

Hydro Tech Environmental, Corp.

15 Ocean Avenue, 2nd Floor

Brooklyn, New York 11225

Phone: (718) 636-0800

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REMEDIAL INVESTIGATION REPORT

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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 E. 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 82 Brown Place Site, (NYC VCP Site No. 15CVCP042X). 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 E. Robbins	11/17/14	Mark E. R
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 82 Brown Place in the Port Morris/Bruckner Boulevard section of the Bronx, New York and is identified as Block 2277 and Lot 1 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 9500-square feet and is bounded by a 1-story commercial building and associated parking lot to the north, a parking lot and a construction storage yard to the south, a 6-story storage warehouse to the east, and a 3-story storage building to the west. A map of the site boundary is shown in Figure 2. Currently, the Site consists of a 1-story warehouse building with a slab on-grade and a mezzanine floor utilized as an office in the northern potion.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of a new 12-story hotel with a full cellar. The cellar will be utilized as a mechanical room and hotel amenities use such as fitness center, meeting room, linen room, and public bathrooms. Undeveloped portions at the site will consist of a landscaped area to the west of the building for a total area of 200 square feet. The proposed construction will require excavation to 7 feet below grade surface for the installation of a 2-inch rat slab and a 6-inch concrete slab in the cellar. The bottom of concrete slab will be set at 6 feet below grade surface. The landscaped area will be excavated to 2 feet below grade surface and backfilled with certified top soil. Layout of the proposed site development is presented in Figure 3. The current zoning designation is M1-5/R8A, special mixed use district for residential and non-residential uses; commercial, community facility and light industrial. The proposed use is consistent with existing zoning for the property.

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 September 2013 a Site history was established. The Site was developed with a 5-story building with a basement between 1927 and 2007 and with a 1-story warehouse with slab on-grade between 2011 and 2013. The Site was occupied by a piano factory between 1927 and 1935, by a furniture storage and delivery between 1940 and 2005 and a lumber warehouse between 2007 and 2013.

The AOCs identified for this site include:

- The presence of a NYC Little "E" Designation for Hazmat and Air;
- The presence of suspect historic fill material.

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) over approximately 55% of the 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. Refusal consistent with the presence of bedrock was encountered above the level of groundwater. Two (2) bedrock wells were then installed and two (2) groundwater samples were collected for chemical analysis to evaluate groundwater quality. The groundwater flow direction beneath the Site was not established.
5. Installed four (4) soil vapor probes around Site perimeter and collected four (4) samples for chemical analysis;
6. One (1) indoor air sample was collected for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property ranges is 21 feet.
2. No anomalies indicative of USTs were identified during the GRP survey.
3. Depth to groundwater is between 14.49 and 14.75 feet at the Site.

4. Groundwater flow was not determined for the site since only two monitoring wells were installed at the property.

5. Depth to bedrock is 16.5 feet at the Site.

6. The stratigraphy of the Site, from surface down to about 10-ft bgs, is classified as fill consisting of a mixture of sand, bricks, ash and 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 granular sand to the depth of 16.5 feet bgs (NYCBC classification of 3a). Granular soil layer is underlain by bedrock.

7. 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. Soil sampling results showed no VOCs except for acetone (max. of 0.11 ppm) in 2 shallow samples at concentrations greater than Unrestricted Use SCOs; acetone is reported as a laboratory contaminant. Trace concentrations of three other VOCs; 2-butanone, chloroform and naphthalene were detected in one or more soil samples below Track 1 Unrestricted SCOs. No other chlorinated VOCs including PCE and its degradation product were found in any shallow or deep soil samples. Six Polycyclic Aromatic Hydrocarbon (PAH) range SVOCs including Benzo(a)anthracene (max. of 13.2 ppm), Benzo(a)pyrene (max. of 10.5 ppm), Benzo(b)fluoranthene (max. of 8.29 ppm), Benzo(k)fluoranthene (max. of 1.1 ppm), Chrysene (max. of 2.23 ppm) and Indeno(1,2,3-cd)pyrene (max. of 2.39 ppm) were detected at concentrations greater than their respective Unrestricted Use SCOs in three of the fourteen soil samples. Of these SVOCs, Benzo(a)anthracene, Benzo(a)pyrene and Benzo(b)fluoranthene were also detected in three shallow soil samples at concentrations greater than their respective Track 2 Commercial SCOs. One Pesticide 4,4'-DDT (max. of 0.0049 ppm) was identified in two shallow soil samples at a concentration exceeding its Track 1 Unrestricted Use SCOs. Seven metals, including; barium (max. of 543 ppm), cadmium (max. of 3.16 ppm), copper (max. of 75.3 ppm), lead (max. of 184 ppm), mercury (max. of 0.2 ppm), nickel (max. of 45.1 ppm) and zinc (max. of 178 ppm) were detected in nine soil samples at concentrations exceeding their respective Track 1 Unrestricted SCOs. Of these metals, Barium (in one deep sample) also exceeded its Track

2 Commercial SCO. Overall, the findings were consistent with observations for historic fill sites in areas throughout NYC. Overall, the soil chemistry is unremarkable and does not indicate any disposal.

8. Groundwater samples results were compared to New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). Groundwater results from two bedrock wells showed several petroleum related VOCs including 1,2,4-Trimethylbenzene (max. 100 µg/L) 1,3,5-Trimethylbenzene (max. 28 µg/L), acetone (7 µg/L), chloroform (15 µg/L), n-butylbenzene (7 µg/L), n-propylbenzene (13 µg/L), naphthalene (max. 22 µg/L), total xylenes (180 µg/L) and Toluene (max 21 µg/L) at concentrations exceeding their respective GQSs. Chlorinated VOCs were not detected in soils. One SVOC Bis(2-ethylhexyl)phthalate (max. 8.35 µg/L) was detected in the groundwater samples in excess of GQS and is reported as a laboratory contaminant. No Pesticides or PCBs were detected in the groundwater samples collected at the Site. Two metals, manganese and sodium, were detected at concentrations exceeding their respective GQS and appear to be associated with area-wide impact of brackish water.

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 results show petroleum related and associated derivatives in all four soil vapor samples. The petroleum related compounds range from 11 $\mu g/m^3$ to 430 $\mu g/m^3$. Trace concentrations of petroleum related compounds were also detected in the indoor air sample collected during the RI, at a maximum of 8 $\mu g/m^3$. Chlorinated hydrocarbons were also detected in the soil vapor samples. Chloroform was the most abundant and was detected at maximum concentration of 700 $\mu g/m^3$. Other chlorinated hydrocarbon compounds that were identified in the soil vapor samples include methylene chloride (max. 22 ug/m^3) and acetone (max. 110 ug/m^3). These chlorinated compounds were also detected in ambient air and their concentrations ranged between 1.7 ug/m^3 and 41 ug/m^3. No PCE, TCE, TCA and carbon tetrachloride were detected in any soil vapor samples.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

Superior Glen Construction has enrolled in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.21-acre site located at 82 Brown Place in the Port Morris/Bruckner Boulevard section of the Bronx, New York. Commercial use is proposed for the property. The RI work was performed between April 7 and 29, 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 82 Brown Place in the Port Morris/Bruckner Boulevard section of the Bronx, New York and is identified as Block 2277 and Lot 1 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 9,500-square feet and is bounded by a 1-story commercial building and associated parking lot to the north, a parking lot and a construction storage yard to the south, a 6-story storage warehouse to the east, and a 3-story storage building to the west. A map of the site boundary is shown in Figure 2. Currently, the Site consists of a 1-story warehouse building with a slab on-grade and a mezzanine floor utilized as an office in the northern potion.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of a new 12-story hotel with a full cellar. The cellar will be utilized as a mechanical room and hotel amenities use such as fitness center, meeting room, linen room, and public bathrooms. Undeveloped portions at the site will consist of a landscaped area to the west of the building for a total area of 200 square feet. The proposed construction will require excavation to 7 feet below grade surface for the installation of a 2-inch rat slab and a 6-inch concrete slab in the cellar. The bottom of concrete slab will be set at 6 feet below grade surface. The landscaped area will be excavated to 2 feet below grade surface and backfilled with certified top soil. Layout of the proposed site development is presented in Figure

3. The current zoning designation is M1-5/R8A, special mixed use district for residential and non-residential uses; commercial, community facility and light industrial. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The Site is located in a special mixed-use district. Within a 500 feet radius of the Site, there are a variety of land uses including: residential (1 to 2-story residential apartments), industrial, transportation and vacant properties. Properties located within a 1/4-mile radius of the Site are zoned R6 (general residential districts), Mx-1, M1-2/R6A, M1-3/R9, M1-5/R8A, M2-1, M3-1 (general manufacturing district). Within 250 feet radius of the Site, no sensitive receptor is identified. The land uses include residential buildings, commercial uses and public recreational 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 September 2013 a Site history was established. The Site was developed with a 5-story building with a basement between 1927 and 2007 and with a 1-story warehouse with slab on-grade between 2011 and 2013. The Site was occupied by a piano factory between 1927 and 1935, by a furniture storage and delivery between 1940 and 2005 and a lumber warehouse between 2007 and 2013.

2.2 Previous Investigations

Previous investigations performed at the Site include the following:

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

2.3 Site Inspection

Paul Matli of Hydro Tech performed the site inspection on September 03, 2013. The reconnaissance included a visual inspection of the Site. At the time of the inspection, the Site consisted of a 1-story storage warehouse building with a slab on-grade and a mezzanine floor utilized as an office in the northern portion. A 1-story storage shed was located to the east of the warehouse.

2.4 Areas of Concern

The AOCs identified for this site include:

- The presence of a NYC Little “E” Designation for Hazmat and Air;
- The presence of suspect historic fill material.

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 E. 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 over approximately 55% of the 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. Refusal consistent with the presence of bedrock was encountered above the level of groundwater. Two (2) bedrock wells were then installed and two (2) groundwater samples were collected for chemical analysis to evaluate groundwater quality. The groundwater flow direction beneath the Site was not established.
5. Installed four (4) soil vapor probes around Site perimeter and collected four (4) samples for chemical analysis;
6. One (1) indoor 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 approximately 35 percent of the Site. The survey could not be performed in the southern portion of the Site due to the presence of elevated storage shed. The survey could not also be performed in multiple areas within the storage warehouse and in the storage shed to the east due to the presence of construction-related materials. 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 soil probes designated SP-1 to SP-7 were installed and sampled at the Site. Soil probes were installed in the building slab on-grade to the depth of 8 feet bgs except for one probe, which was installed to 6 feet bgs due to the presence of refusal. 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 to the Phase II Site Investigation Report **Appendix A**. A map showing the location of soil borings is shown in Figure 6.

Groundwater Monitoring Well Construction

Three groundwater monitoring wells (MW-1, MW-2, MW-3) were installed at the Site during the RI. The monitoring wells were installed utilizing similar technology as the soil probes. Due to the presence of refusal beneath the Site, the total depth of all monitoring wells was 10 to 12 feet below bgs. The monitoring wells were constructed of 1-inch diameter PVC. The well screens consist of 0.010-inch slots situated from 4 to 10 or 12 feet bgs. The remaining portion of each of these wells consisted of a riser. The wells were surveyed twenty-four hours following installation utilizing a Solinst® 122 Oil/Water Interface Probe (Interface Probe). All the three monitoring wells were determined to be dry.

Two of the monitoring wells (MW-2 and MW-3) were then re-installed within the bedrock utilizing Rock Core drilling technology. The two bedrock wells were constructed of 1-inch diameter PVC and their well screen consisting of 0.010-inch slots was situated from 10 to 30 feet bgs. The remaining portion of each of these wells consisted of a riser.

Monitoring wells construction logs are attached to the Phase II Site Investigation Report **Appendix A**. A map showing the location of soil borings is shown in Figure 6.

Survey

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

Water Level Measurement

Prior to groundwater purging and sampling of monitoring wells, the two bedrock 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. Groundwater level 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 9 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 soil samples were collected from the soil-borings on-Site for laboratory analysis; these included seven shallow soil samples from zero to 2 feet bgs, one deep soil sample from 4 to 6 feet bgs and six deep soil sample from 6 to 8 feet below. 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

Two groundwater samples were collected from the two installed bedrock wells for chemical analysis during this RI. Groundwater samples from the monitoring wells were collected using the low stress (low flow) purging and sampling procedure. The low flow was accomplished with a Geopump peristaltic pump and the continuous flow was monitored with a Horiba U50 series flow cell until water quality 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

Four 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) indoor air sample IA 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 E. Robbins
Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and were York Analytical Laboratories, Inc.
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 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 Appendix H, I and J.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

The Site is located in the southern section of the Borough of the Bronx, New York. The elevation of the Subject Property is approximately 21 feet above mean sea level (USGS 7.5-Minute Central Park, New York Quadrangle, 1969, Photo revised 1979).

Stratigraphy

The stratigraphy of the Site, from surface down to about 10-ft bgs, is classified as fill consisting of a mixture of sand, bricks, ash and 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 granular sand to the depth of 16.5 feet bgs (NYCBC classification of 3a). Granular soil layer is underlain by bedrock. Geotechnical report describing subsurface conditions is presented in **Appendix A**.

Hydrogeology

A table of groundwater level data from the 2 bedrock monitoring wells is included in Table 1. The depth to groundwater beneath the Site is determined at approximately 14.49 feet and 14.75 feet. Groundwater flow beneath the site could not be determined with two monitoring wells installed at the property.

5.2 Soil Chemistry

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. Soil sampling results showed no VOCs except for acetone (max. of 0.11 ppm) in 2 shallow samples above Unrestricted Use SCOs and it is reported as a laboratory contaminant. Trace levels of three other VOCs; 2-butanone, chloroform and naphthalene were detected in one or more soil samples below Track 1 Unrestricted SCOs. No other chlorinated VOCs including PCE and its degradation product were found in any shallow or deep soil samples. Six Polycyclic Aromatic Hydrocarbon (PAH) range SVOCs including Benzo(a)anthracene (max. of 13.2 ppm), Benzo(a)pyrene (max. of 10.5 ppm), Benzo(b)fluoranthene (max. of 8.29 ppm), Benzo(k)fluoranthene (max. of 1.1 ppm), Chrysene (max. of 2.23 ppm) and Indeno(1,2,3-cd)pyrene (max. of 2.39 ppm) were detected above their

respective Unrestricted Use SCOs in three of the fourtheen soil samples. Of these SVOCs, Benzo(a)anthracene, Benzo(a)pyrene and Benzo(b)fluoranthene were also detected above their respective Track 2 Commercial SCOs in three shallow soil samples. One Pesticide 4,4'-DDT (max. of 0.0049 ppm) was identified at a concentration exceeding its Track 1 Unrestricted Use SCOs in two shallow soil samples. Seven metals, including; barium (max. of 543 ppm), cadmium (max. of 3.16 ppm), copper (max. of 75.3 ppm), lead (max. of 184 ppm), mercury (max. of 0.2 ppm), nickel (max. of 45.1 ppm) and zinc (max. of 178 ppm) were identified above Track 1 Unrestricted SCOs in nine of the soil samples. Of these metals, Barium (in one deep sample) also exceeded its Track 2 Commercial SCO. Overall, the findings were consistent with observations for historic fill sites in areas throughout NYC.

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 9 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 (max. 100 µg/L) 1,3,5-Trimethylbenzene (max. 28 µg/L), acetone (7 µg/L), chloroform (15 µg/L), n-butylbenzene (7 µg/L), n-propylbenzene (13 µg/L), naphthalene (,ax. 22 µg/L), xylenes (180 µg/L) and Toluene (max 21 µg/L). Chlorinated VOCs were not detected in groundwater. One SVOC Bis(2-ethylhexyl)phthalate (max. 8.35 µg/L) and was detected in the groundwater in excess of GQS and is reported as a laboratory contaminant. No Pesticides or PCBs were detected in the groundwater sample collected at the Site. Two metals identified as manganese and sodium 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 10 to 11 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 all four soil vapor samples. The petroleum related compounds in soil vapors range from 11 $\mu g/m^3$ to 430 $\mu g/m^3$. Trace levels of petroleum related compounds were also detected in the indoor air sample collected during the RI at a maximum of 8 $\mu g/m^3$. Chlorinated hydrocarbons were also detected in soil vapor samples. Chloroform was the most abundant and was detected at maximum concentration of 700 $\mu g/m^3$. Other chlorinated hydrocarbon compounds that were identified in soil vapor samples included methylene chloride (max. 22 ug/m^3) and acetone (max. 110 ug/m^3). These chlorinated compounds were also detected in ambient air and their concentrations ranged between 1.7 ug/m^3 and 41 ug/m^3.

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

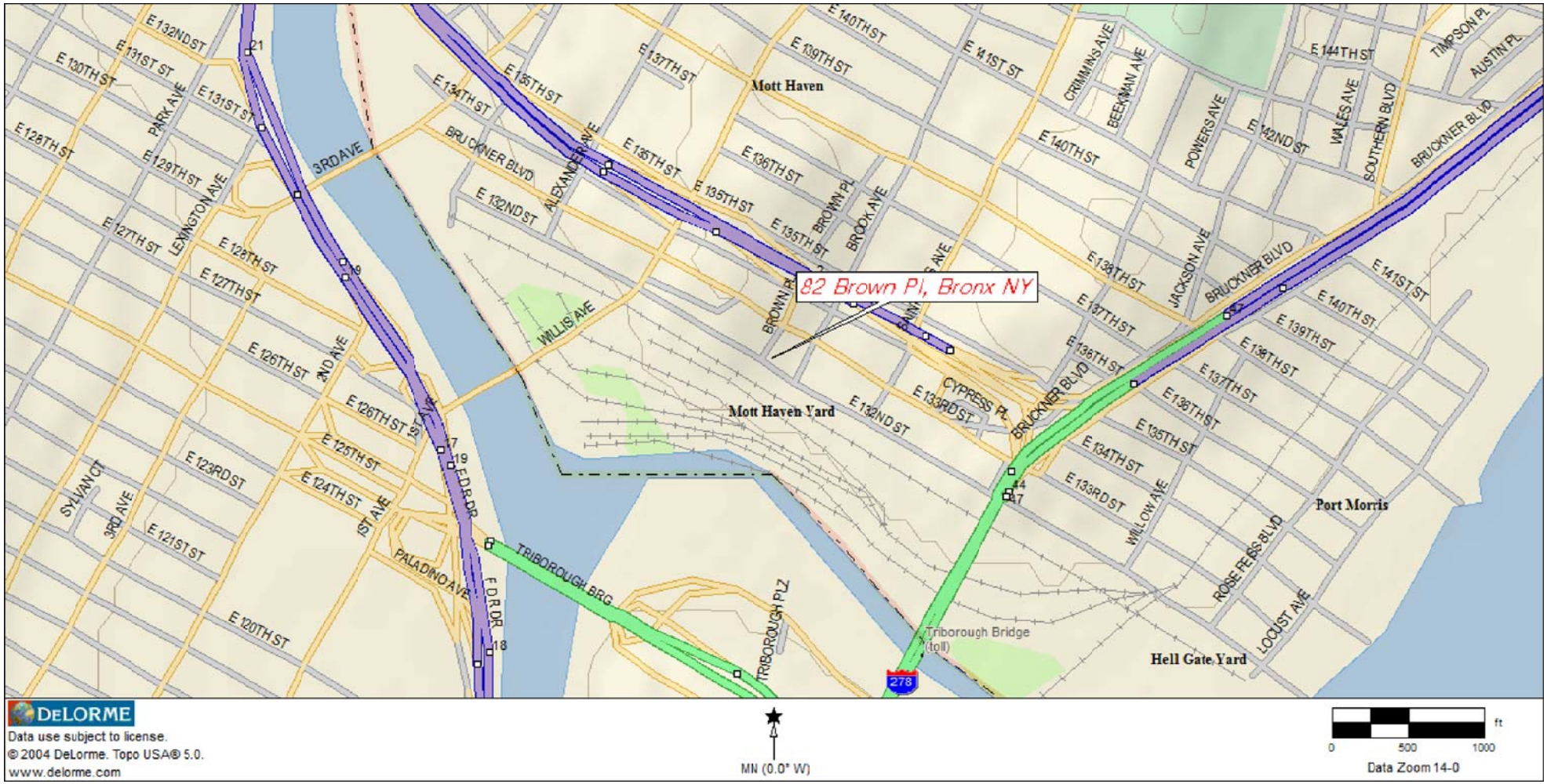
5.5 Prior Activity

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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MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788
T (631)462-5866 F (631)462-5877

NYC OFFICE:
15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900

www.hydrotechenvironmental.com

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Bronx, NY
HTE Job# 130183

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 06/02/14
Scale: AS NOTED

TITLE:

FIGURE 1: SITE LOCATION MAP

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NYC OFFICE:
15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900

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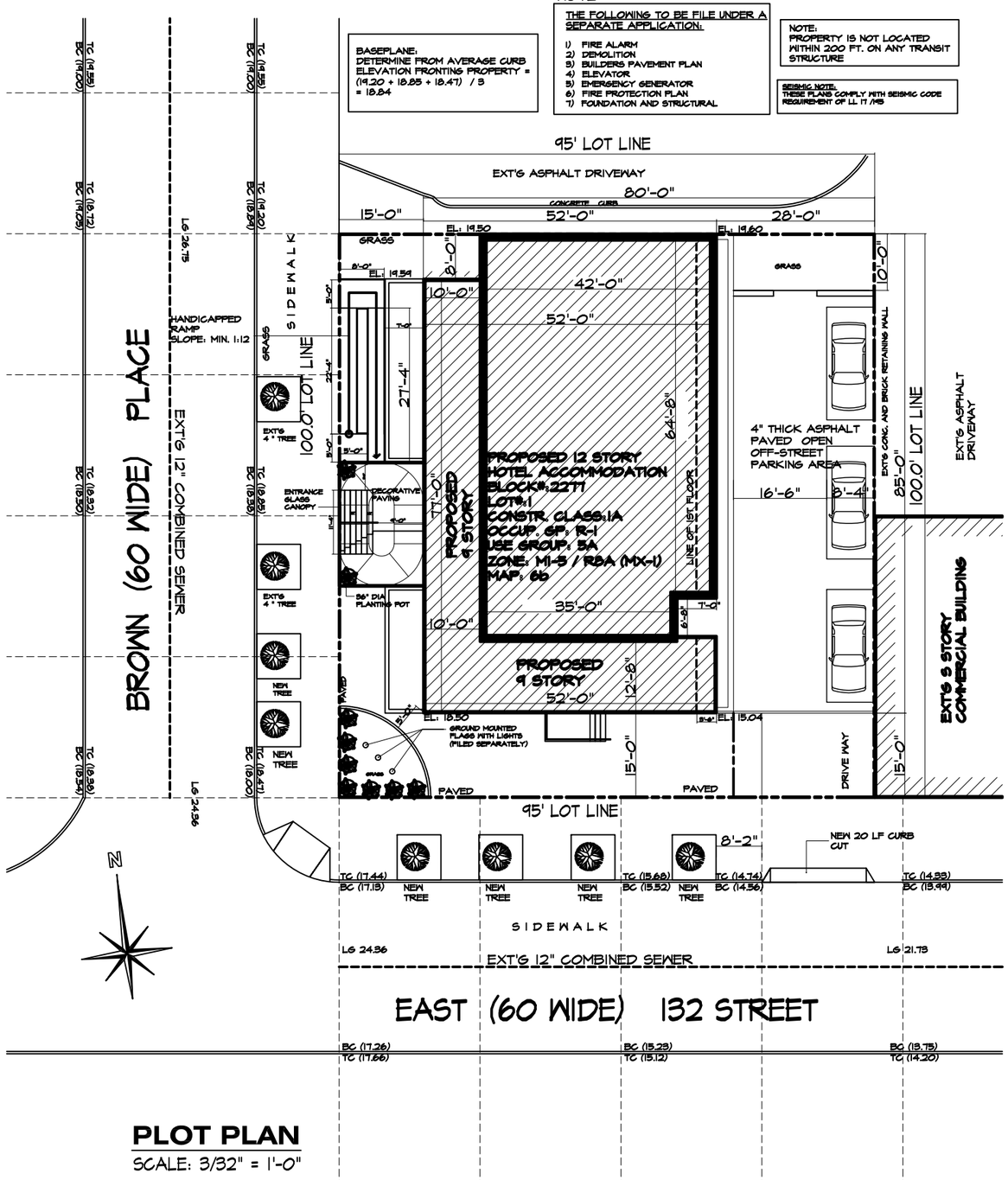
TITLE:

FIGURE 2: SITE BOUNDARY MAP

Figure-3: Proposed Redevelopment Plan



PLOT PLAN

SCALE: 3/32" = 1'-0"

NOTE

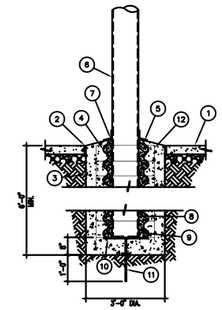
THE FOLLOWING TO BE FILE UNDER A SEPARATE APPLICATION:

1) FIRE ALARM
2) DEMOLITION
3) BUILDERS PAVEMENT PLAN
4) ELEVATOR
5) EMERGENCY GENERATOR
6) FIRE PROTECTION PLAN
7) FOUNDATION AND STRUCTURAL

BASEPLANE:
DETERMINE FROM AVERAGE CURB ELEVATION FRONTING PROPERTY =
(19.20 + 18.85 + 18.47) / 3
= 18.84

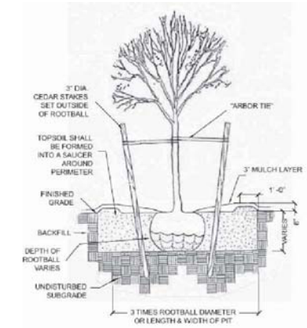
NOTE:
PROPERTY IS NOT LOCATED WITHIN 200 FT. ON ANY TRANSIT STRUCTURE

SEISMIC NOTE:
THESE PLANS COMPLY WITH SEISMIC CODE REQUIREMENT OF LL 17 /MS



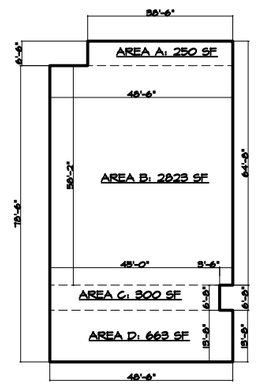
1. CONCRETE SLAB ON A.B.C. FILL.
2. 1/2" EXPANSION JOINT MATERIAL.
3. CONCRETE FOOTING.
4. PACK WITH CLEAN DRY SAND.
5. BITUMINOUS SEALANT.
6. 40'-0" TALL ALUMINUM FLAGPOLE.
7. FLASHING COLLAR.
8. G.I. SLEEVE – VERIFY SIZE WITH POLE MANUFACTURER.
9. STEEL WEDGES AS PART OF SLEEVE.
10. 1/4" STEEL PLATE AS PART OF SLEEVE.
11. LIGHTNING ROD AS PART OF SLEEVE.
12. (6) #7 REBARS @ #3 TIES @ 18" O.C.

FLAGPOLE FOOTING

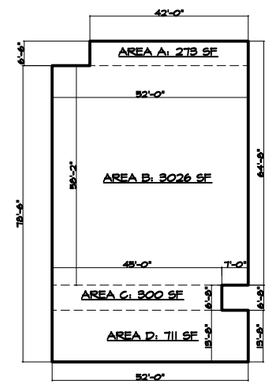


SECTION:
TREE PLANTING & STAKE DETAIL
NOT TO SCALE

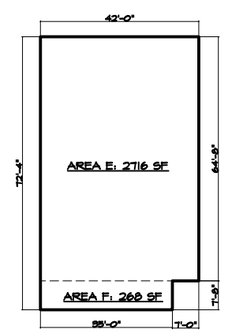
ZONING FLOOR AREA BREAKDOWN



1ST FLOOR AREA
GROSS FLOOR AREA
250 + 2823 + 300 + 663 = 4036 SF



2ND TO 9TH TYPICAL FLOOR AREA
GROSS FLOOR AREA
273 + 3026 + 300 + 711 = 4310 SF



10T TO 12TH TYPICAL FLOOR AREA
GROSS FLOOR AREA
2716 + 268 = 2984 SF

ZONING ANALYSIS

BUILDING ADDRESS	BLOCK	LOT
82 BROWN PLACE	2271	1

OCCUPANCY CLASS: R-1
CONSTRUCTION CLASS: CLASS IIA (2008 CODE)
ZONE DISTRICT: M1-5 / RBA (MX-1)
USE GROUP 5
ZONING MAP:
LOT AREA: 100 x 45 = 4500 SF

FLOOR AREA

FLOOR	FLOOR AREA	TOTAL
1ST FLOOR	4036 x 1 FLOOR	4,036
2ND TO 4TH FL	4310 X 8 FLOORS	34,480
10TH TO 12TH FL	2984 X 3 FLOORS	8,952
		47,468 SF

MAX. FLOOR AREA RATIO PERMITTED: 5.0 (ZR 43-12)

MAX. FLOOR AREA PERMITTED: 4500 x 5.0 = 47500 SF
FLOOR AREA PROVIDED: 47,468 SF

STREET TREE PLANTING: ZR. 43-02

ONE TREE REQUIRED AT EVERY 25 FT OF STREET FRONTAGE
TOTAL STREET FRONTAGE = 100 + 45 = 145 LF
OF STREET REQUIRED = 145 / 25 = 1.5 = 5
OF TREE PROVIDED: 5 (OK)

SPECIAL YARD REGULATIONS IN RESIDENTIAL BUILDING: ZR. 123-651

NO FRONT YARDS OR SIDE YARD AREA REQUIRED;
HOWEVER ANY OPEN AREA EXTENDING ALONG SIDE YARD SHALL BE MIN. 8 FT..
SIDE YARD PROVIDE: 0 FT AND 28FT (OK)

TOWER REGULATIONS (43-45)

NOT APPLICABLE (TOWER OCCUPIED MORE THAN 40% OF LOT AREA)

ACCESSORY OFF-STREET PARKING REGULATION: 44-20

HOTEL
IN M1-5
GUEST ROOM - NONE REQUIRED
MEETING HALLS, AUDITORIUM, EATING AND DRINKING - NONE REQUIRED
NO PROPOSED: 5 (OK)

ZONING REGULATION	REQUIRED	PROPOSED	REMARKS
MIN. SIDE YARD (ZR. 123-651)	NOT REQUIRED	0 AND 28 FT	O.K.
HEIGHT AND SETBACK REGULATION (123-662)	TABLE B MINIMUM BASE HEIGHT: 60 FT MAX BASE HEIGHT: 85 MAX BUILDING HEIGHT: 120	MINIMUM BASE HEIGHT: 85 FT (OK) MAX BASE HEIGHT: 85 (OK) MAX BUILDING HEIGHT: 116 (OK)	O.K.
REQUIRED LOADING BERTHS (ZR. 44-52) - HOTELS IN M1-5	FIRST 10,000 SF OF FLOOR AREA - NONE	47,470 < 100,000 THEREFORE, NONE IS REQUIRED	O.K.
REQUIRED BICYCLE PARKING ANALYSIS (ZR. 44-60, 36-70	FOR COMMERCIAL USES - NONE REQUIRED	NONE PROPOSED	O.K.

REVISIONS

DATE	NO.	ISSUE

ASKON ARCHITECTS, P.C.
• ARCHITECTS • PROJECT MANAGERS
156-09 ROCKAWAY BLVD, SPRINGFIELD GRDS, NY 11434
PHONE: 718 712 1600, 718 712 2098, FAX 718 712 5402

CLIENT
SUPERIOR GLEN CONTRACTING

PROJECT
82 BROWN PLACE
BRONX, NY 10454

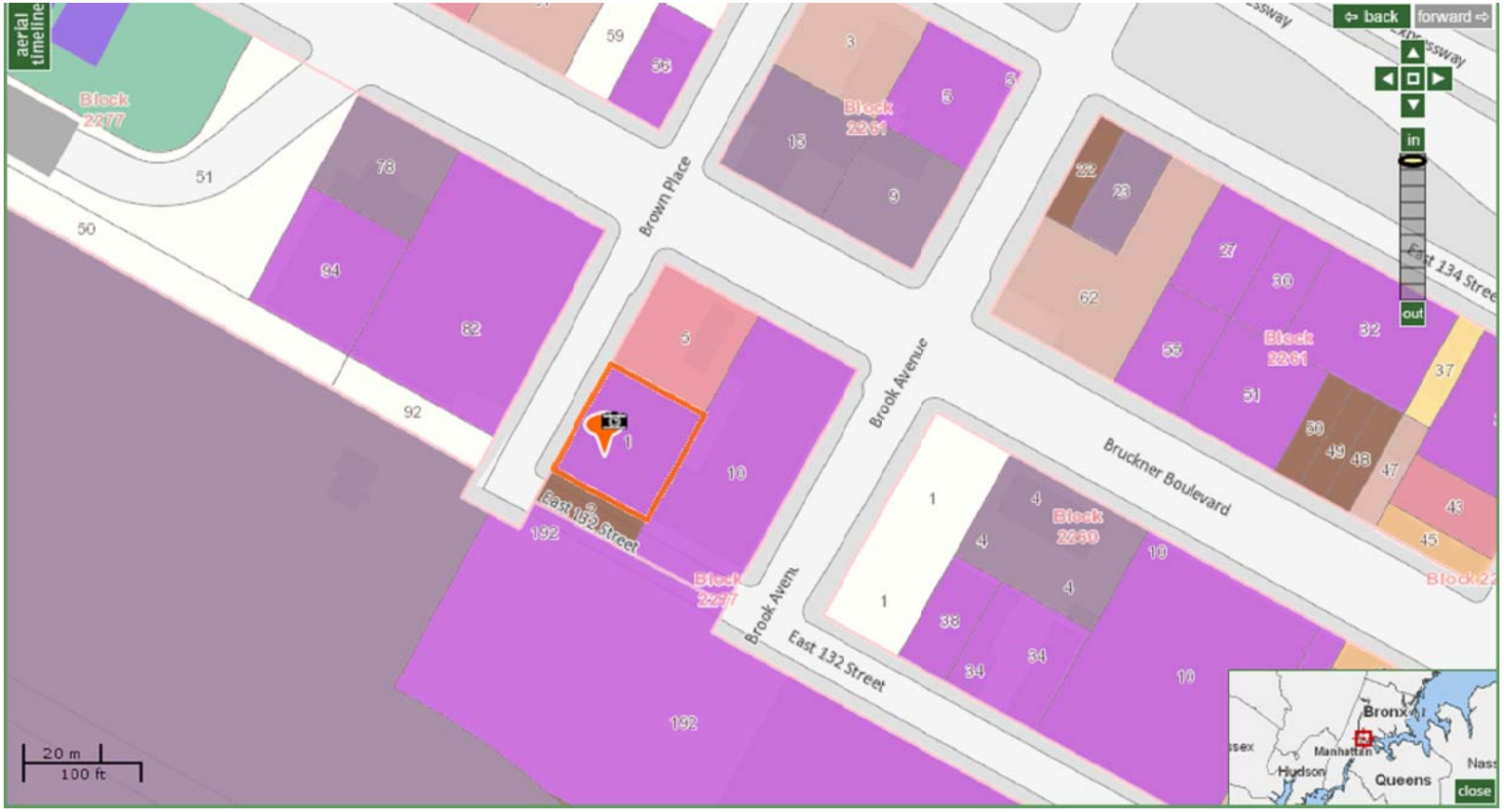
TITLE
PLOT PLAN
HANDICAPPED RAMP DETAIL
ZONING ANALYSIS
ZONING FLOOR AREA BREAKDOWN
TREE PLANTING AND STAKE DETAIL

SEAL & SIGNATURE

DATE:	3/13/13
PROJECT No.	AA1035
DRAWN BY:	winston
CHECKED BY:	akeeb
DWG No.	Z-001.00
SHEET No:	01 OF 23

CADD FILE No. K:\askon-dc2\new jobs\bronx-2-24-12\approved 12_1_13\standard\building

NYC DEPARTMENT OF BUILDINGS JOB #



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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MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788
T (631)462-5866 F (631)462-5877

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15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900

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Bronx, NY
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Reviewed By: M.R
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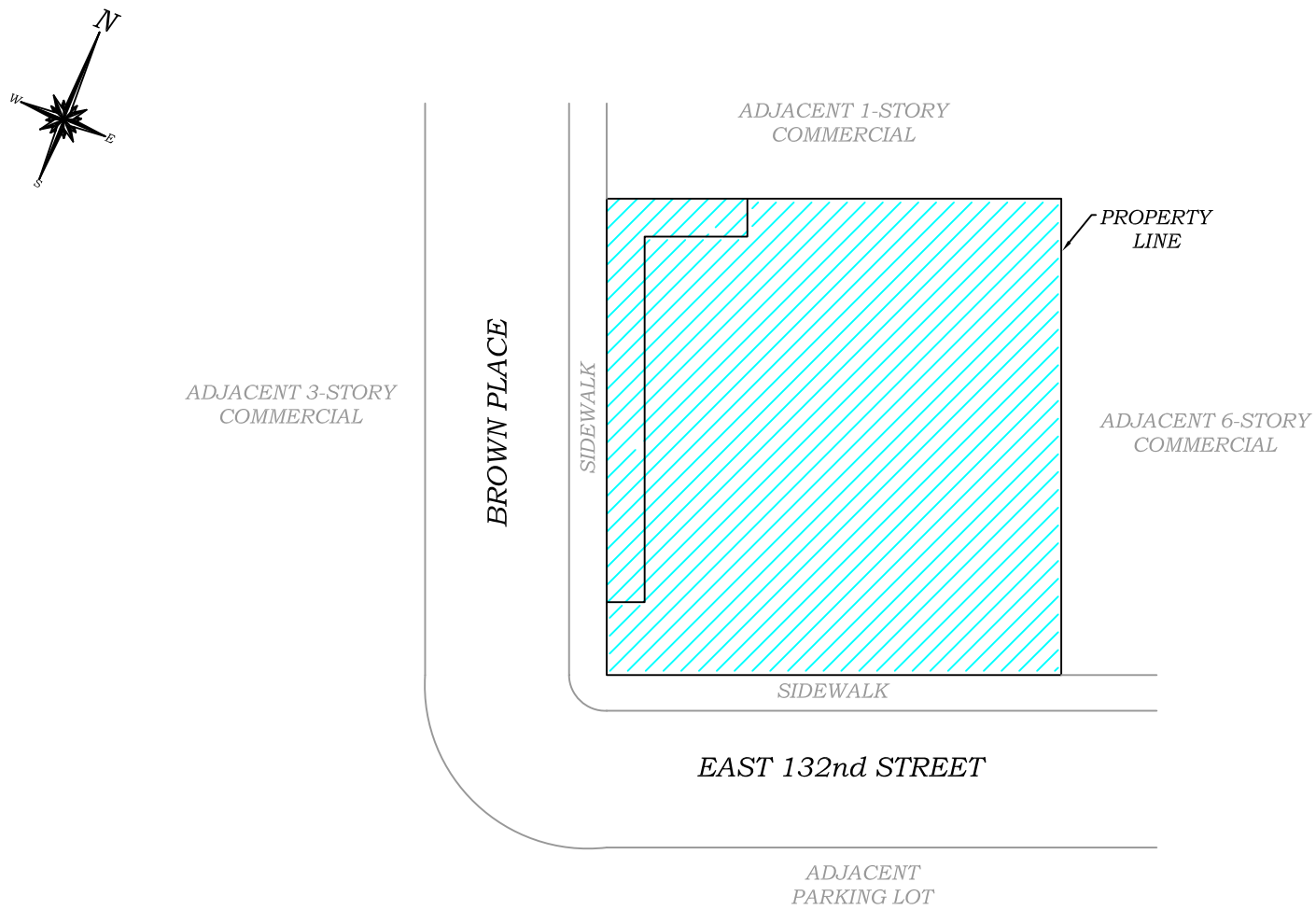
TITLE:

FIGURE 4: LAND-USE MAP



LEGEND:

FILL MATERIAL

0' 20' 40' 60'

SCALE IN FEET (FT.)

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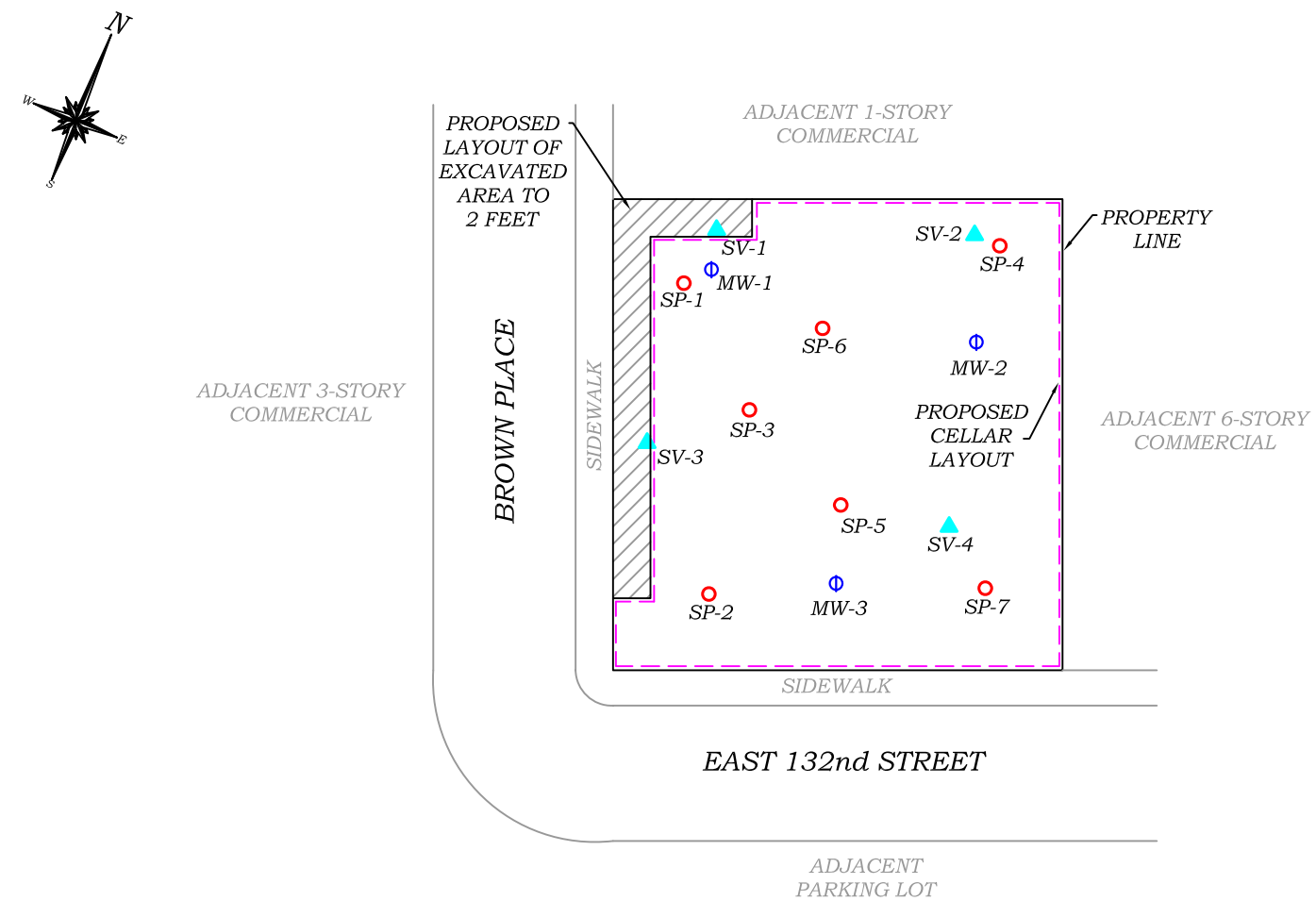
FIGURE 5: MAP OF AREAS OF CONCERN



LEGEND:

- SOIL PROBE LOCATIONS (SP)
- SOIL VAPOR SAMPLING LOCATIONS (SV)
- MONITORING WELL LOCATIONS (MW)

0' 20' 40' 60'

SCALE IN FEET (FT.)

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15 OCEAN AVENUE, 2nd Floor
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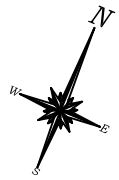
TITLE:

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



SP-6				
Depth	0' - 2'	6' - 8'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
Benzo(a)anthracene	13.20	NAS	1	5.6
Benzo(a)Pyrene	10.56	NAS	1	1
Benzo(b)fluoranthene	8.26	NAS	1	5.6
Benzo(k)fluoranthene	7.74	NAS	0.8	56
Indeno(1,2,3-cd)pyrene	2.39	NAS	0.5	5.6

SP-4				
Depth	0' - 2'	6' - 8'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
Benzo(a)anthracene	1.59	ND	1	5.6
Benzo(a)Pyrene	1.32	ND	1	1
Benzo(b)fluoranthene	1.54	ND	1	5.6
Benzo(k)fluoranthene	1.00	ND	0.8	56

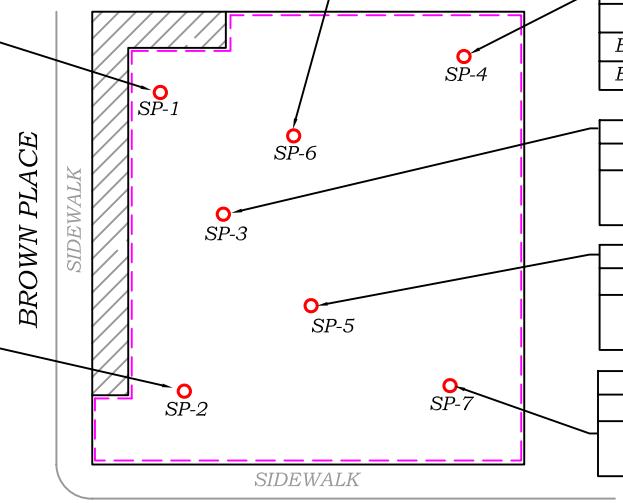
SP-1				
Depth	0' - 2'	6' - 8'		
SVOCs	mg/Kg	mg/Kg	USCO	RSCO
Benzo(a)anthracene	1.86	ND	1	5.6
Benzo(a)Pyrene	1.66	ND	1	1
Benzo(b)fluoranthene	1.02	ND	1	5.6
Benzo(k)fluoranthene	1.10	ND	0.8	56

SP-3		
Depth	0' - 2'	6' - 8'
SVOCs	ND	NAS

SP-5		
Depth	0' - 2'	6' - 8'
SVOCs	ND	ND

SP-2		
Depth	0' - 2'	4' - 6'
SVOCs	NAS	NAS

SP-7		
Depth	0' - 2'	6' - 8'
SVOCs	ND	ND



LEGEND:

○	SOIL PROBE LOCATIONS (SP)
SVOC	SEMI VOLATILE ORGANIC COMPOUND
mg/Kg	MICROGRAM PER KILOGRAM
NAS	NONE ABOVE STANDARD
ND	NONE DETECTED
USCO	UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
RSCO	RESTRICTED USE SOIL CLEANUP OBJECTIVES
	BLUE SHADED VALUES EXCEED RSCO
	GRAY SHADED VALUES EXCEED USCO

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

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MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788
T (631)462-5866 F (631)462-5877
NYC OFFICE:
15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900
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Bronx, NY
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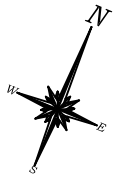
FIGURE 7: MAP OF SVOCs IN SOIL



SP-6				
Depth	0' - 2'	6' - 8'		
PESTICIDES	mg/Kg	mg/Kg	USCO	RSCO
4,4'-DDT	0.0049	ND	0.0033	47

SP-1		
Depth	0' - 2'	6' - 8'
PESTICIDES	ND	ND

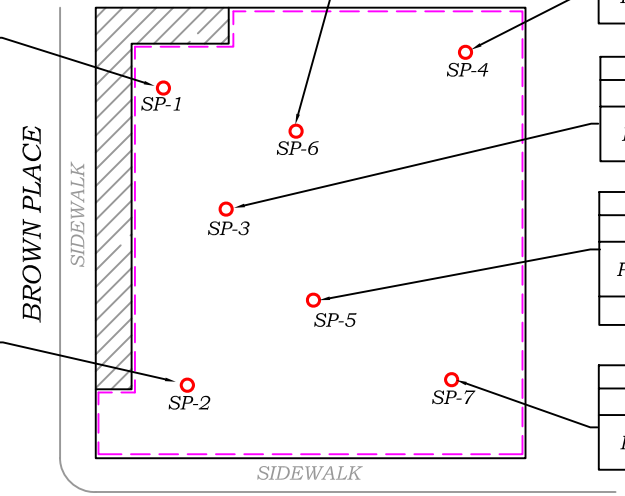
SP-2		
Depth	0' - 2'	4' - 6'
PESTICIDES	ND	ND

SP-4		
Depth	0' - 2'	6' - 8'
PESTICIDES	ND	ND

SP-3		
Depth	0' - 2'	6' - 8'
PESTICIDES	ND	ND

SP-5				
Depth	0' - 2'	6' - 8'		
PESTICIDES	mg/Kg	mg/Kg	USCO	RSCO
4,4'-DDT	0.0042	ND	0.0033	47

SP-7		
Depth	0' - 2'	6' - 8'
PESTICIDES	ND	ND



LEGEND:

○	SOIL PROBE LOCATIONS (SP)
mg/Kg	MICROGRAM PER KILOGRAM
NAS	NONE ABOVE STANDARD
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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MAIN OFFICE:
77 ARKAY DRIVE, SUITE G
HAUPPAUGE, NEW YORK 11788
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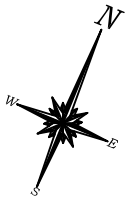
Scale: AS NOTED

TITLE:

FIGURE 8: MAP OF PESTICIDES IN SOIL



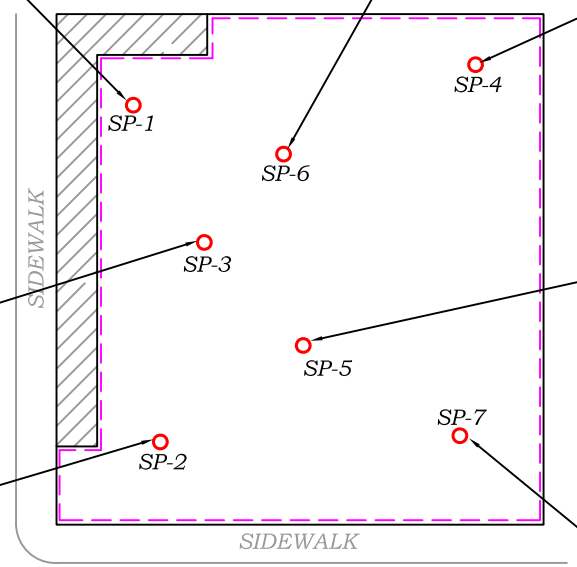
SP-6				
Depth	0' - 2'	6' - 8'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Lead	184	NAS	63	1,000
Nickel	NAS	45.10	30	310

SP-1				
Depth	0' - 2'	6' - 8'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Barium	NAS	543	350	400
Lead	147	NAS	63	1,000
Nickel	NAS	31.30	30	310
Zinc	120	NAS	109	10,000

SP-3				
Depth	0' - 2'	6' - 8'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Copper	NAS	75.30	50	270

SP-2				
Depth	0' - 2'	4' - 6'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Lead	142	NAS	63	1,000

BROWN PLACE



EAST 132nd STREET

SP-4				
Depth	0' - 2'	6' - 8'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Cadmium	NAS	3.16	2.5	9.3
Lead	72.60	NAS	63	1,000
Nickel	NAS	36.20	30	310
Zinc	NAS	178	109	10,000

SP-5				
Depth	0' - 2'	6' - 8'		
METALS	mg/Kg	mg/Kg	USCO	RSCO
Lead	84	NAS	63	1,000
Mercury	0.20	NAS	30	310
Zinc	124	NAS	109	10,000

SP-7		
Depth	0' - 2'	6' - 8'
METALS	NAS	NAS

LEGEND:

○	SOIL PROBE LOCATIONS (SP)
mg/Kg	MICROGRAM PER KILOGRAM
NAS	NONE ABOVE STANDARD
ND	NONE DETECTED
USCO	UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
RSCO	RESTRICTED USE SOIL CLEANUP OBJECTIVES
	GRAY SHADED VALUES EXCEED USCO
	BLUE SHADED VALUES EXCEED RSCO

0' 20' 40' 60'

SCALE IN FEET (FT.)

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HAUPPAUGE, NEW YORK 11788
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Approved By: M.S
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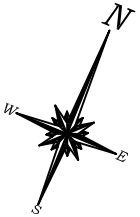
Scale: AS NOTED

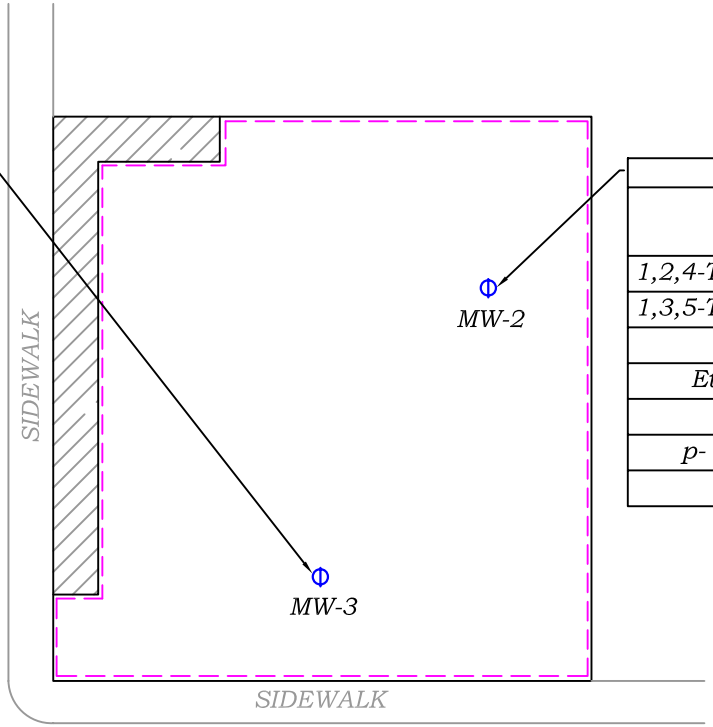
TITLE:

FIGURE 9: MAP OF METALS IN SOIL



BROWN PLACE

MW-3		
VOCs	µg/L	GQS
1,2,4-Trimethylbenzene	100	5
1,3,5-Trimethylbenzene	28	5
Acetone	7	50
Chloroform	15	7
Ethyl Benzene	27	5
n-Butylbenzene	7	5
n-Propylbenzene	13	10
o-Xylene	60	5
p- & m- Xylenes	120	5
Toluene	21	5



MW-2		
VOCs	µg/L	GQS
1,2,4-Trimethylbenzene	41	5
1,3,5-Trimethylbenzene	17	5
Chloroform	10	7
Ethyl Benzene	7	5
o-Xylene	25	5
p- & m- Xylenes	37	5
Toluene	6	5

EAST 132nd STREET

LEGEND:

Φ MONITORING WELL LOCATIONS (MW)

VOC VOLATILE ORGANIC COMPOUNDS

µg/L MICROGRAM PER LITER

GQS GROUNDWATER QUALITY STANDARDS

SHADED VALUES EXCEED GQS

0' 20' 40' 60'

SCALE IN FEET (FT.)

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HAUPPAUGE, NEW YORK 11788
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NYC OFFICE:
15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900

www.hydrotechenvironmental.com

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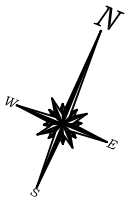
Bronx, NY
HTE Job# 130175

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 06/02/14
Scale: AS NOTED

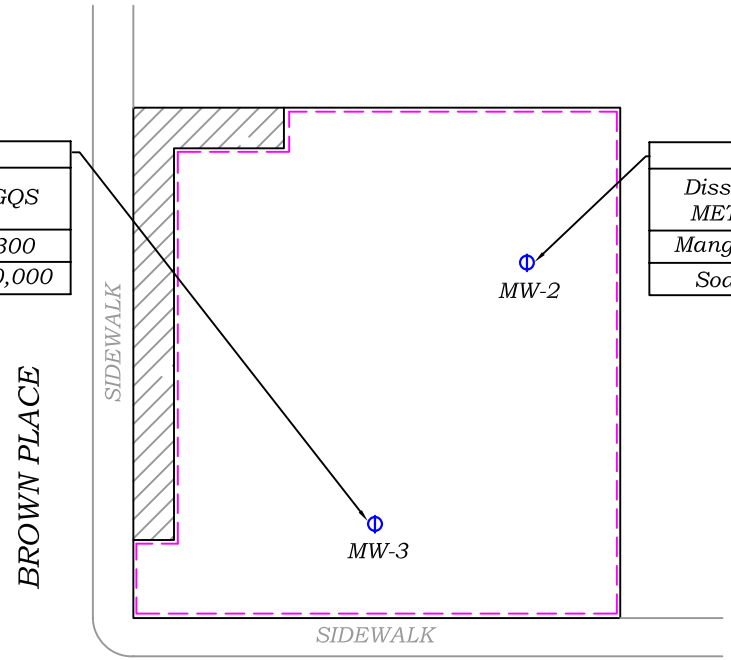
TITLE:

FIGURE 10: MAP OF VOCs IN GROUNDWATER



MW-3		
Dissolved METALS	µg/L	GQS
Manganese	9,670	300
Sodium	80,400	20,000

MW-2		
Dissolved METALS	µg/L	GQS
Manganese	5,350	300
Sodium	86,100	20,000



LEGEND:

Φ	MONITORING WELL LOCATIONS (MW)
µg/L	MICROGRAM PER LITER
GQS	GROUNDWATER QUALITY STANDARDS
	SHADED VALUES EXCEED GQS

0' 20' 40' 60'

SCALE IN FEET (FT.)

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15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900

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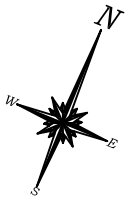
Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 06/02/14
Scale: AS NOTED

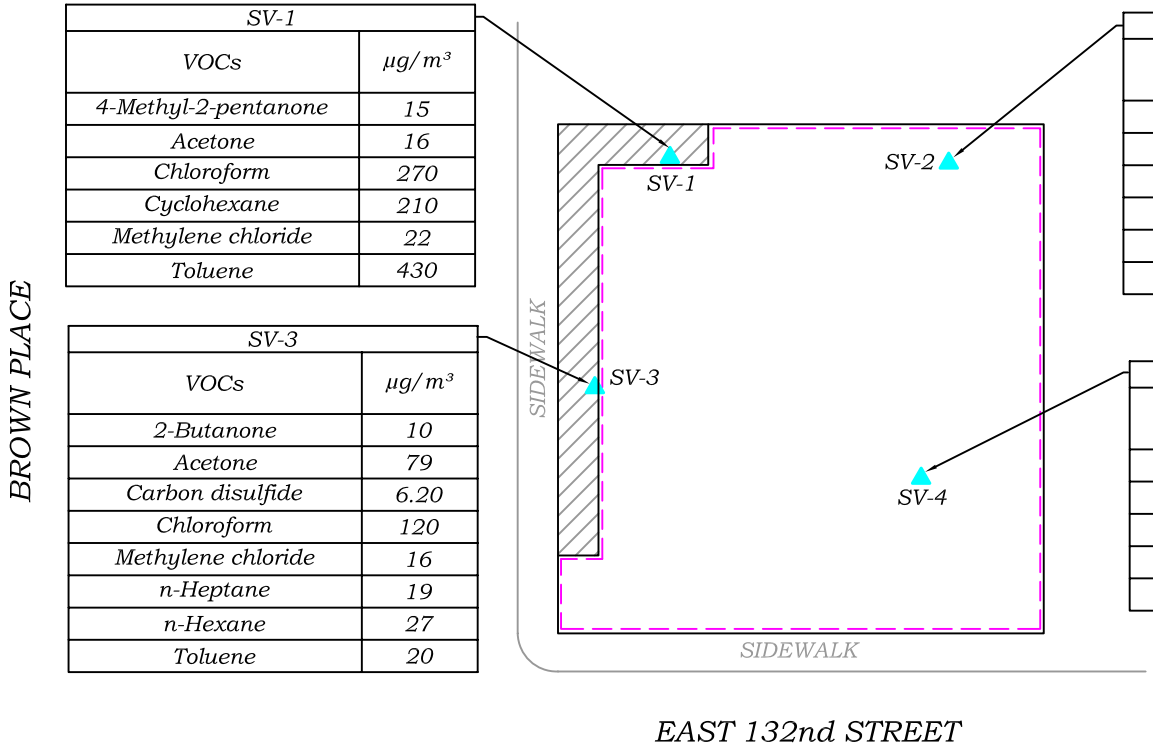
TITLE:

FIGURE 11: MAP OF DISSOLVED METALS IN GROUNDWATER



SV-1	
VOCs	µg/m³
4-Methyl-2-pentanone	15
Acetone	16
Chloroform	270
Cyclohexane	210
Methylene chloride	22
Toluene	430

SV-3	
VOCs	µg/m³
2-Butanone	10
Acetone	79
Carbon disulfide	6.20
Chloroform	120
Methylene chloride	16
n-Heptane	19
n-Hexane	27
Toluene	20



SV-2	
VOCs	µg/m³
2-Butanone	9.90
Acetone	110
Carbon disulfide	100
Chloroform	460
Methylene chloride	10
Toluene	14

SV-4	
VOCs	µg/m³
Acetone	19
Chloroform	700
Methylene chloride	11
n-Hexane	11
Toluene	13

LEGEND:

▲ SOIL VAPOR SAMPLING LOCATIONS (SV)

VOC VOLATILE ORGANIC COMPOUNDS

µg/m³ MICROGRAM PER CUBIC METER

0' 20' 40' 60'

SCALE IN FEET (FT.)

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NYC OFFICE:
15 OCEAN AVENUE, 2nd Floor
BROOKLYN, NEW YORK 11225
T (718)636-0800 F (718)636-0900

www.hydrotechenvironmental.com

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Bronx, NY
HTE Job# 130175

Drawn By: C.Q.
Reviewed By: M.R
Approved By: M.S
Date: 06/02/14
Scale: AS NOTED

TITLE:

FIGURE 12: MAP OF VOCs IN SOIL VAPOR

TABLES

Table 1

Groundwater Monitoring Details

82 Brown Place, Bronx, New York

Monitoring Well (MW)	Depth to Water (Feet)[1]	Depth to Product
MW-2	14.49	ND
MW-3	14.75	ND

ND…none detected

ft…Feet

[1] *…depth from grade*

Table 2
Soil Samples Analytical Results for VOCs
82 Brown Place, Bronx, NY

Sample ID	SP-1 (0'-2')		SP-1 (6'-8')		SP-2 (0'-2')		SP-2 (4'-6')		SP-3 (0'-2')		SP-3 (6'-8')		SP-4 (0'-2')		SP-4 (6'-8')		SP-5 (0'-2')		SP-5 (6'-8')		SP-6 (0'-2')		SP-6 (6'-8')		SP-7 (0'-2')		SP-7 (6'-8')		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial
Sampling Date	2/7/2014		2/7/2014		2/10/2014		2/10/2014		2/7/2014		2/7/2014		2/10/2014		2/10/2014		2/10/2014		2/7/2014		2/7/2014		2/7/2014		2/7/2014		2/7/2014			
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	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
1,1,1-Trichloroethane	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	0.68	500
1,1,2,2-Tetrachloroethane	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
1,1,2-Trichloro-1,2,2-trifluoroethane (	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
1,1,2-Trichloroethane	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
1,1-Dichloroethane	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	0.27	240
1,1-Dichloroethylene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	0.33	500
1,1-Dichloropropylene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
1,2,3-Trichlorobenzene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
1,2,3-Trichloropropane	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
1,2,4-Trichlorobenzene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
1,2,4-Trimethylbenzene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	3.6	190
1,2-Dibromo-3-chloropropane	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
1,2-Dibromoethane	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
1,2-Dichlorobenzene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	1.1	500
1,2-Dichloroethane	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	0.02	30
1,2-Dichloropropane	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
1,3,5-Trimethylbenzene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	8.4	190
1,3-Dichlorobenzene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	2.4	280
1,3-Dichloropropane	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
1,4-Dichlorobenzene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	1.8	130
1,4-Dioxane	0.064	U	0.0230	U	0.048	U	0.046	U	0.053	U	0.0540	U	0.055	U	0.0430	U	0.047	U	0.0810	U	0.076	U	0.0480	U	0.045	U	0.0530	U	0.1	130
2,2-Dichloropropane	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
2-Butanone	0.0032	U	0.0011	U	**0.0040**	J	**0.004**	J	**0.0056**		0.0027	U	**0.0100**		0.0022	U	0.0024	U	0.0041	U	0.0058	J	0.0024	U	0.0022	U	0.0027	U	0.12	500
2-Chlorotoluene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
4-Chlorotoluene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
Acetone	**0.034**		0.0011	U	**0.0540**		**0.062**		**0.0810**		**0.0056**	J	**0.110**		**0.0063**	J	**0.0190**		**0.0130**	JB	**0.0830**	B	**0.0026**	JB	**0.0094**	B	**0.0054**	JB	0.05	500
Benzene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	0.06	44
Bromobenzene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
Bromochloromethane	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
Bromodichloromethane	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
Bromoform	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
Bromomethane	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
Carbon tetrachloride	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	0.76	22
Chlorobenzene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	1.1	500
Chloroethane	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
Chloroform	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	**0.0039**	J	0.0024	U	0.0022	U	0.0027	U	0.37	350
Chloromethane	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
cis-1,2-Dichloroethylene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	0.25	500
cis-1,3-Dichloropropylene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
Dibromochloromethane	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
Dibromomethane	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
Dichlorodifluoromethane	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
Ethyl Benzene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	1	390
Hexachlorobutadiene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
Isopropylbenzene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
Methyl tert-butyl ether (MTBE)	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	0.93	500
Methylene chloride	0.003	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	0.05	500
Naphthalene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	**0.0110**	J	0.0022	U	0.0024	U	0.0041	U	**0.0270**		0.0024	U	0.0022	U	0.0027	U	12	500
n-Butylbenzene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	3.9	500
n-Propylbenzene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	12	500
o-Xylene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	0.26	100
p- & m- Xylenes	0.0064	U	0.0023	U	0.0048	U	0.005	U	0.0053	U	0.0054	U	0.0055	U	0.0043	U	0.0047	U	0.0081	U	0.0076	U	0.0048	U	0.0045	U	0.0053	U	0.26	100
p-Isopropyltoluene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0076	J	0.0024	U	0.0022	U	0.0027	U	NS	NS
sec-Butylbenzene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	11	500
Styrene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
tert-Butylbenzene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	5.9	500
Tetrachloroethylene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	1.3	150
Toluene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	0.7	500
trans-1,2-Dichloroethylene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	0.19	500
trans-1,3-Dichloropropylene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
Trichloroethylene	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	0.47	200
Trichlorofluoromethane	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
Vinyl acetate	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	U	NS	NS
Vinyl Chloride	0.0032	U	0.0011	U	0.0024	U	0.002	U	0.0027	U	0.0027	U	0.0027	U	0.0022	U	0.0024	U	0.0041	U	0.0038	U	0.0024	U	0.0022	U	0.0027	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
NS=this indicates that no regulatory limit has been established for this analyte
Grey shaded values represent concentration exceeding Unrestricted Use SCO

Table 2 (Cont.)
Soil Samples Analytical Results for SVOCs
82 Brown Place, Bronx, NY

Sample ID	SP-1 (0'-2')		SP-1 (6'-8')		SP-2 (0'-2')		SP-2 (4'-6')		SP-3 (0'-2')		SP-3 (6'-8')		SP-4 (0'-2')		SP-4 (6'-8')		SP-5 (0'-2')		SP-5 (6'-8')		SP-6 (0'-2')		SP-6 (6'-8')		SP-7 (0'-2')		SP-7 (6'-8')		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial
Sampling Date	2/7/2014		2/7/2014		2/10/2014		2/10/2014		2/7/2014		2/7/2014		2/10/2014		2/10/2014		2/10/2014		2/7/2014		2/7/2014		2/7/2014		2/7/2014		2/7/2014			
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	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
1,2-Dichlorobenzene	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	1.1	500
1,3-Dichlorobenzene	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	2.4	280
1,4-Dichlorobenzene	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	1.8	130
2,4,5-Trichlorophenol	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
2,4,6-Trichlorophenol	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
2,4-Dichlorophenol	0.47	U	0.09	U	0.69	U	0.13	U	0.47	U	0.09	U	0.95	U	0.09	U	0.47	U	0.10	U	1.95	U	0.09	U	0.45	U	0.09	U	NS	NS
2,4-Dimethylphenol	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
2,4-Dinitrophenol	0.93	U	0.18	U	1.37	U	0.26	U	0.93	U	0.18	U	1.88	U	0.18	U	0.94	U	0.19	U	3.88	U	0.18	U	0.90	U	0.18	U	NS	NS
2,4-Dinitrotoluene	0.47	U	0.09	U	0.69	U	0.13	U	0.47	U	0.09	U	0.95	U	0.09	U	0.47	U	0.10	U	1.95	U	0.09	U	0.45	U	0.09	U	NS	NS
2,6-Dinitrotoluene	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
2-Chloronaphthalene	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
2-Chlorophenol	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
2-Methylnaphthalene	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
2-Methylphenol	0.47	U	0.09	U	0.69	U	0.13	U	0.47	U	0.09	U	0.95	U	0.09	U	0.47	U	0.10	U	1.95	U	0.09	U	0.45	U	0.09	U	0.33	500
2-Nitroaniline	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
2-Nitrophenol	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
3- & 4-Methylphenols	0.47	U	0.09	U	0.69	U	0.13	U	0.47	U	0.09	U	0.95	U	0.09	U	0.47	U	0.10	U	1.95	U	0.09	U	0.45	U	0.09	U	NS	NS
3,3'-Dichlorobenzidine	0.93	U	0.18	U	1.37	U	0.26	U	0.93	U	0.18	U	1.88	U	0.18	U	0.94	U	0.19	U	3.88	U	0.18	U	0.90	U	0.18	U	NS	NS
3-Nitroaniline	0.47	U	0.09	U	0.69	U	0.13	U	0.47	U	0.09	U	0.95	U	0.09	U	0.47	U	0.10	U	1.95	U	0.09	U	0.45	U	0.09	U	NS	NS
4,6-Dinitro-2-methylphenol	0.47	U	0.09	U	0.69	U	0.13	U	0.47	U	0.09	U	0.95	U	0.09	U	0.47	U	0.10	U	1.95	U	0.09	U	0.45	U	0.09	U	NS	NS
4-Bromophenyl phenyl ether	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
4-Chloro-3-methylphenol	0.47	U	0.09	U	0.69	U	0.13	U	0.47	U	0.09	U	0.95	U	0.09	U	0.47	U	0.10	U	1.95	U	0.09	U	0.45	U	0.09	U	NS	NS
4-Chloroaniline	0.47	U	0.09	U	0.69	U	0.13	U	0.47	U	0.09	U	0.95	U	0.09	U	0.47	U	0.10	U	1.95	U	0.09	U	0.45	U	0.09	U	NS	NS
4-Chlorophenyl phenyl ether	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
4-Nitroaniline	0.47	U	0.09	U	0.69	U	0.13	U	0.47	U	0.09	U	0.95	U	0.09	U	0.47	U	0.10	U	1.95	U	0.09	U	0.45	U	0.09	U	NS	NS
4-Nitrophenol	0.47	U	0.09	U	0.69	U	0.13	U	0.47	U	0.09	U	0.95	U	0.09	U	0.47	U	0.10	U	1.95	U	0.09	U	0.45	U	0.09	U	NS	NS
Acenaphthene	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	**2.15**	JD	**0.06**	J	0.23	U	0.04	U	20	500
Acenaphthylene	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	100	500
Aniline	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
Anthracene	**0.53**	JD	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	**0.62**	JD	0.04	U	0.24	U	0.05	U	**4.16**	D	**0.12**	J	0.23	U	0.04	U	100	500
Benzo(a)anthracene	**1.86**	D	0.04	U	0.34	U	**0.14**	J	0.23	U	0.05	U	**1.59**	JD	0.04	U	**0.26**	JD	0.05	U	**13.20**	D	**0.49**		**0.52**	JD	0.04	U	1	5.6
Benzo(a)pyrene	**1.66**	D	0.04	U	0.34	U	**0.13**	J	0.23	U	0.05	U	**1.32**	JD	0.04	U	0.24	U	0.05	U	**10.50**	D	0.08	J	**0.47**	JD	0.04	U	1	1
Benzo(b)fluoranthene	**1.02**	D	0.04	U	**0.41**	JD	**0.16**	J	0.23	U	0.05	U	**1.54**	JD	0.04	U	0.24	U	0.05	U	**8.29**	D	**0.26**		**0.63**	JD	0.04	U	1	5.6
Benzo(g,h,i)perylene	**0.49**	JD	0.09	U	0.69	U	0.13	U	0.47	U	0.09	U	0.95	U	0.09	U	0.47	U	0.10	U	**2.34**	JD	0.09	U	0.45	U	0.09	U	100	500
Benzo(k)fluoranthene	**1.10**	D	0.04	U	**0.40**	JD	0.12	J	0.23	U	0.05	U	**1.00**	JD	0.04	U	0.24	U	0.05	U	**7.74**	D	**0.38**		**0.56**	JD	0.04	U	0.8	56
Benzyl alcohol	0.47	U	0.09	U	0.69	U	0.13	U	0.47	U	0.09	U	0.95	U	0.09	U	0.47	U	0.10	U	1.95	U	0.09	U	0.45	U	0.09	U	NS	NS
Benzyl butyl phthalate	0.24	U	0.04	U	0.34	U	**0.83**		0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
Bis(2-chloroethoxy)methane	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
Bis(2-chloroethyl)ether	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
Bis(2-chloroisopropyl)ether	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
Bis(2-ethylhexyl)phthalate	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	**0.37**	JD	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
Chrysene	**2.23**	D	0.04	U	**0.64**	JD	**0.25**	J	0.23	U	0.05	U	**2.21**	D	0.04	U	**0.36**	JD	0.05	U	15.90	D	**0.62**		**0.59**	JD	0.04	U	1	56
Dibenzo(a,h)anthracene	**0.26**	JD	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	**1.19**	JD	**0.05**	J	0.23	U	0.04	U	NS	NS
Dibenzofuran	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
Diethyl phthalate	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	0.33	0.56
Dimethyl phthalate	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	7	350
Di-n-butyl phthalate	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
Di-n-octyl phthalate	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
Fluoranthene	**3.21**	D	0.04	U	**0.90**	JD	**0.33**		**0.25**	JD	0.05	U	**3.08**	D	0.04	U	**0.51**	JD	**0.06**	J	**18.70**	D	**0.59**		**1.41**	D	0.04	U	100	500
Fluorene	**0.28**	JD	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	**2.47**	JD	**0.06**	J	0.23	U	0.04	U	30	500
Hexachlorobenzene	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	0.33	6
Hexachlorobutadiene	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
Hexachlorocyclopentadiene	0.47	U	0.09	U	0.69	U	0.13	U	0.47	U	0.09	U	0.95	U	0.09	U	0.47	U	0.10	U	1.95	U	0.09	U	0.45	U	0.09	U	NS	NS
Hexachloroethane	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
Indeno(1,2,3-cd)pyrene	**0.46**	JD	0.04	U	0.34	U	**0.07**	J	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	**2.39**	JD	**0.10**	J	0.23	U	0.04	U	0.5	5.6
Isophorone	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
Naphthalene	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
Nitrobenzene	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
N-Nitrosodimethylamine	0.47	U	0.09	U	0.69	U	0.13	U	0.47	U	0.09	U	0.95	U	0.09	U	0.47	U	0.10	U	1.95	U	0.09	U	0.45	U	0.09	U	NS	NS
N-nitroso-di-n-propylamine	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	12	500
N-Nitrosodiphenylamine	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	NS	NS
Pentachlorophenol	0.47	U	0.09	U	0.69	U	0.13	U	0.47	U	0.09	U	0.95	U	0.09	U	0.47	U	0.10	U	1.95	U	0.09	U	0.45	U	0.09	U	0.8	6.7
Phenanthrene	**2.48**	D	0.04	U	**0.45**	JD	**0.18**	J	0.23	U	0.05	U	**3.37**	D	0.04	U	**0.33**	JD	0.05	U	**19.40**	D	**0.59**		**1.34**	D	0.04	U	100	500
Phenol	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	U	0.33	500
Pyrene	**3.24**	D	0.04	U	**0.75**	JD	**0.27**		**0.24**	JD	0.05	U	**3.29**	D	0.04	U	**0.50**	JD	0.05	U	**21.20**	D	**0.94**		**1.01**	D	0.04	U	100	500
Pyridine	0.24	U	0.04	U	0.34	U	0.07	U	0.23	U	0.05	U	0.47	U	0.04	U	0.24	U	0.05	U	0.98	U	0.05	U	0.23	U	0.04	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
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 Pesticides and PCBs
82 Brown Place, Bronx, NY

Sample ID	SP-1 (0'-2')		SP-1 (6'-8')		SP-2 (0'-2')		SP-2 (4'-6')		SP-3 (0'-2')		SP-3 (6'-8')		SP-4 (0'-2')		SP-4 (6'-8')		SP-5 (0'-2')		SP-5 (6'-8')		SP-6 (0'-2')		SP-6 (6'-8')		SP-7 (0'-2')		SP-7 (6'-8')		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial
Sampling Date	2/7/2014		2/7/2014		2/10/2014		2/10/2014		2/7/2014		2/7/2014		2/10/2014		2/10/2014		2/10/2014		2/7/2014		2/7/2014		2/7/2014		2/7/2014		2/7/2014			
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	0.0019	U	0.0018	U	0.0018	U	0.0017	U	0.0018	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.0018	U	0.0018	U	0.0018	U	0.0033	92
4,4'-DDE	0.0019	U	0.0018	U	0.0018	U	0.0017	U	0.0018	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.0018	U	0.0018	U	0.0018	U	0.0033	62
4,4'-DDT	0.0019	U	0.0018	U	0.0018	U	0.0017	U	0.0018	U	0.0018	U	0.0019	U	0.0018	U	0.0042	D	0.0019	U	0.0049	D	0.0018	U	0.0018	U	0.0018	U	0.0033	47
Aldrin	0.0019	U	0.0018	U	0.0018	U	0.0017	U	0.0018	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.0018	U	0.0018	U	0.0018	U	0.005	0.68
alpha-BHC	0.0019	U	0.0018	U	0.0018	U	0.0017	U	0.0018	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.0018	U	0.0018	U	0.0018	U	0.02	3.4
Aroclor 1016	0.0190	U	0.0181	U	0.0186	U	0.0178	U	0.0189	U	0.0182	U	0.0192	U	0.0181	U	0.0192	U	0.0194	U	0.0198	U	0.0184	U	0.0184	U	0.0181	U	NS	NS
Aroclor 1221	0.0190	U	0.0181	U	0.0186	U	0.0178	U	0.0189	U	0.0182	U	0.0192	U	0.0181	U	0.0192	U	0.0194	U	0.0198	U	0.0184	U	0.0184	U	0.0181	U	NS	NS
Aroclor 1232	0.0190	U	0.0181	U	0.0186	U	0.0178	U	0.0189	U	0.0182	U	0.0192	U	0.0181	U	0.0192	U	0.0194	U	0.0198	U	0.0184	U	0.0184	U	0.0181	U	NS	NS
Aroclor 1242	0.0190	U	0.0181	U	0.0186	U	0.0178	U	0.0189	U	0.0182	U	0.0192	U	0.0181	U	0.0192	U	0.0194	U	0.0198	U	0.0184	U	0.0184	U	0.0181	U	NS	NS
Aroclor 1248	0.0190	U	0.0181	U	0.0186	U	0.0178	U	0.0189	U	0.0182	U	0.0192	U	0.0181	U	0.0192	U	0.0194	U	0.0198	U	0.0184	U	0.0184	U	0.0181	U	NS	NS
Aroclor 1254	0.0190	U	0.0181	U	0.0186	U	0.0178	U	0.0189	U	0.0182	U	0.0192	U	0.0181	U	0.0192	U	0.0194	U	0.0198	U	0.0184	U	0.0184	U	0.0181	U	NS	NS
Aroclor 1260	0.0190	U	0.0181	U	0.0186	U	0.0178	U	0.0189	U	0.0182	U	0.0192	U	0.0181	U	0.0192	U	0.0194	U	0.0198	U	0.0184	U	0.0184	U	0.0181	U	NS	NS
beta-BHC	0.0019	U	0.0018	U	0.0018	U	0.0017	U	0.0018	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.0018	U	0.0018	U	0.0018	U	0.036	3
Chlordane, total	0.0074	U	0.0070	U	0.0072	U	0.0069	U	0.0073	U	0.0071	U	0.0074	U	0.0070	U	0.0074	U	0.0075	U	0.0077	U	0.0071	U	0.0071	U	0.0070	U	NS	NS
delta-BHC	0.0019	U	0.0018	U	0.0018	U	0.0017	U	0.0018	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.0018	U	0.0018	U	0.0018	U	0.04	500
Dieldrin	0.0019	U	0.0018	U	0.0018	U	0.0017	U	0.0018	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.0018	U	0.0018	U	0.0018	U	0.005	1.4
Endosulfan I	0.0019	U	0.0018	U	0.0018	U	0.0017	U	0.0018	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.0018	U	0.0018	U	0.0018	U	2.4	200
Endosulfan II	0.0019	U	0.0018	U	0.0018	U	0.0017	U	0.0018	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.0018	U	0.0018	U	0.0018	U	2.4	200
Endosulfan sulfate	0.0019	U	0.0018	U	0.0018	U	0.0017	U	0.0018	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.0018	U	0.0018	U	0.0018	U	2.4	200
Endrin	0.0019	U	0.0018	U	0.0018	U	0.0017	U	0.0018	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.0018	U	0.0018	U	0.0018	U	0.014	89
Endrin aldehyde	0.0019	U	0.0018	U	0.0018	U	0.0017	U	0.0018	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.0018	U	0.0018	U	0.0018	U	NS	NS
Endrin ketone	0.0019	U	0.0018	U	0.0018	U	0.0017	U	0.0018	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.0018	U	0.0018	U	0.0018	U	NS	NS
gamma-BHC (Lindane)	0.0019	U	0.0018	U	0.0018	U	0.0017	U	0.0018	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.0018	U	0.0018	U	0.0018	U	0.1	9.2
Heptachlor	0.0019	U	0.0018	U	0.0018	U	0.0017	U	0.0018	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.0018	U	0.0018	U	0.0018	U	0.042	15
Heptachlor epoxide	0.0019	U	0.0018	U	0.0018	U	0.0017	U	0.0018	U	0.0018	U	0.0019	U	0.0018	U	0.0019	U	0.0019	U	0.0019	U	0.0018	U	0.0018	U	0.0018	U	NS	NS
Methoxychlor	0.0092	U	0.0088	U	0.0090	U	0.0086	U	0.0092	U	0.0089	U	0.0093	U	0.0088	U	0.0093	U	0.0094	U	0.0096	U	0.0089	U	0.0089	U	0.0088	U	NS	NS
Total PCBs	0.0076	U	0.0073	U	0.0074	U	0.0071	U	0.0076	U	0.0073	U	0.0077	U	0.0073	U	0.0077	U	0.0078	U	0.0079	U	0.0074	U	0.0074	U	0.0072	U	0.1	1
Toxaphene	0.0934	U	0.0891	U	0.0912	U	0.0874	U	0.0929	U	0.0896	U	0.0941	U	0.0890	U	0.0942	U	0.0954	U	0.0970	U	0.0903	U	0.0903	U	0.0889	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
NS=this indicates that no regulatory limit has been established for this analyte
Grey shaded values represent concentration exceeding Unrestricted Use SCO

Table 2 (Cont.)
Soil Samples Analytical Results for Metals
82 Brown Place, Bronx, NY

Sample ID	SP-1 (0'-2')		SP-1 (6'-8')		SP-2 (0'-2')		SP-2 (4'-6')		SP-3 (0'-2')		SP-3 (6'-8')		SP-4 (0'-2')		SP-4 (6'-8')		SP-5 (0'-2')		SP-5 (6'-8')		SP-6 (0'-2')		SP-6 (6'-8')		SP-7 (0'-2')		SP-7 (6'-8')		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Commercial
Sampling Date	2/7/2014		2/7/2014		2/10/2014		2/10/2014		2/7/2014		2/7/2014		2/10/2014		2/10/2014		2/10/2014		2/7/2014		2/7/2014		2/7/2014		2/7/2014		2/7/2014			
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	9,670		27,000		5,730		8,080		7,380		12,000		6,870		33,700		7,660		10,500		8,090		17,200		10,200		7,010		NS	NS
Antimony	0.73		2.40		1.02		0.80		0.75		0.55		0.60		2.45		0.72		0.64		0.98		1.87		0.54	U	0.78		NS	NS
Arsenic	5.11		4.16		5.93		4.22		4.56		2.90		3.80		5.67		5.08		3.63		5.13		3.31		4.12		2.48		13	16
Barium	155		543		178		123		72		99.30		125		250		110		76.70		144		206		105		44.10		350	400
Beryllium	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.12	U	0.11	U	0.11	U	0.11	U	7.2	590
Cadmium	0.77		2.22		0.59		0.68		0.56		0.79		0.57		3.16		0.81		0.43		0.71		1.26		0.63		0.33		2.5	9.3
Calcium	50,600		6,220		86,100		55,000		65,300		52,500		78,600		2,170		48,900		55,100		46,700		11,600		37,300		48,400		NS	NS
Chromium Trivalent	22.90		81.60		27.30		36.70		22		19.30		17.20		79.10		15.10		22.60		23.90		74.70		19.60		18.20		NS	NS
Chromium, Hexavalent	0.56	U	0.53	U	0.55	U	0.52	U	0.56	U	0.54	U	0.56	U	0.53	U	0.56	U	0.57	U	0.58	U	0.54	U	0.54	U	0.53	U	1	400
Cobalt	6.25		23.60		4.56		6.27		5.72		9.95		5.15		26.80		4.65		6.85		6.05		14.30		9.03		4.27		NS	NS
Copper	25.80		25.50		16.20		19.70		26.20		75.30		18.10		46.90		31.10		11.40		27.20		8.02		26.10		10		50	270
Iron	16,200		41,400		7,360		11,300		11,800		21,900		11,400		52,500	D	17,000		14,000		18,000		27,300		18,700		9,880		NS	NS
Lead	147		8.08		142		53		21.20		12.20		72.60		4.69		84		10		184		13.90		49.60		9.09		63	1000
Magnesium	8,010		14,800		11,200		8,700		8,410		6,550		12,300		15,700		3,920		5,800		6,060		8,930		7,060		3,220		NS	NS
Manganese	227		377		141		208		179		210		184		473		228		257		242		325		294		205		1600	10000
Mercury	0.080		0.032	U	0.055		0.061		0.033	U	0.032	U	0.063		0.052		0.20		0.034	U	0.072		0.078		0.11		0.032	U	0.18	2.8
Nickel	12.20		31.30		19		21		15		22.10		9.85		36.20		8.27		15.70		12.70		45.10		17		9.95		30	310
Potassium	3,380		18,900	D	1,370		2,440		2,360		2,330		2,330		24,000	D	1,500		3,370		2,450		9,120		3,700		1,830		NS	NS
Selenium	1.12	U	2.47		1.09	U	1.09		1.11	U	1.38		1.13	U	1.07	U	2.15		1.14	U	1.81		1.08		1.29		1.07	U	3.9	1500
Silver	0.56	U	0.53	U	0.55	U	0.52	U	0.56	U	0.54	U	0.56	U	0.53	U	0.56	U	0.57	U	0.58	U	0.54	U	0.54	U	0.53	U	2	1500
Sodium	757		227		667		606		750		281		545		136		901		327		820		187		463		311		NS	NS
Thallium	1.12	U	1.07	U	1.09	U	1.05	U	1.11	U	1.07	U	1.13	U	1.07	U	1.13	U	1.14	U	1.16	U	1.08	U	1.08	U	1.07	U	NS	NS
Vanadium	31		102		18.60		21.60		30.60		53.70		28.80		159		30.20		28.20		31.60		70.30		29.70		12.30		NS	NS
Zinc	120		92.90		88.30		94.60		50		46.10		79.40		178		124		36.90		125		74.90		90.40		24.80		109	10000

NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated
NS=this indicates that no regulatory limit has been established for this analyte
Grey shaded values represent concentration exceeding Unrestricted Use SCO

Table 2 (Cont.)
Blanks Analytical Results for VOCs
82 Brown Place,Bronx NY

Sample ID	Field Blank		Trip Blank	
Sampling Date	2/7/2014		2/10/2014	
Matrix	Water		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	**4.20**	JB	**4.60**	J
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**	JB	2.90	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

NOTES:
Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank

Table 2 (Cont.)
Blanks Analytical Results for SVOCs
82 Brown Place,Bronx NY

Sample ID	Field Blank		Trip Blank	
Sampling Date	2/7/2014		2/10/2014	
Matrix	Water		Water	
Units	ug/L		ug/L	
Compound	Result	Q	Result	Q
1,2,4-Trichlorobenzene	2.56	U	NT	
1,2-Dichlorobenzene	2.56	U	NT	
1,3-Dichlorobenzene	2.56	U	NT	
1,4-Dichlorobenzene	2.56	U	NT	
2,4,5-Trichlorophenol	2.56	U	NT	
2,4,6-Trichlorophenol	2.56	U	NT	
2,4-Dichlorophenol	2.56	U	NT	
2,4-Dimethylphenol	2.56	U	NT	
2,4-Dinitrophenol	2.56	U	NT	
2,4-Dinitrotoluene	2.56	U	NT	
2,6-Dinitrotoluene	2.56	U	NT	
2-Chloronaphthalene	2.56	U	NT	
2-Chlorophenol	2.56	U	NT	
2-Methylnaphthalene	2.56	U	NT	
2-Methylphenol	2.56	U	NT	
2-Nitroaniline	2.56	U	NT	
2-Nitrophenol	2.56	U	NT	
3- & 4-Methylphenols	2.56	U	NT	
3,3'-Dichlorobenzidine	2.56	U	NT	
3-Nitroaniline	2.56	U	NT	
4,6-Dinitro-2-methylphenol	2.56	U	NT	
4-Bromophenyl phenyl ether	2.56	U	NT	
4-Chloro-3-methylphenol	2.56	U	NT	
4-Chloroaniline	2.56	U	NT	
4-Chlorophenyl phenyl ether	2.56	U	NT	
4-Nitroaniline	2.56	U	NT	
4-Nitrophenol	2.56	U	NT	
Acenaphthene	2.56	U	NT	
Acenaphthylene	2.56	U	NT	
Aniline	2.56	U	NT	
Anthracene	2.56	U	NT	
Benzo(a)anthracene	2.56	U	NT	
Benzo(a)pyrene	2.56	U	NT	
Benzo(b)fluoranthene	2.56	U	NT	
Benzo(g,h,i)perylene	2.56	U	NT	
Benzo(k)fluoranthene	2.56	U	NT	
Benzyl alcohol	2.56	U	NT	
Benzyl butyl phthalate	2.56	U	NT	
Bis(2-chloroethoxy)methane	2.56	U	NT	
Bis(2-chloroethyl)ether	2.56	U	NT	
Bis(2-chloroisopropyl)ether	2.56	U	NT	
Bis(2-ethylhexyl)phthalate	2.56	U	NT	
Chrysene	2.56	U	NT	
Dibenzo(a,h)anthracene	2.56	U	NT	
Dibenzofuran	2.56	U	NT	
Diethyl phthalate	2.56	U	NT	
Dimethyl phthalate	2.56	U	NT	
Di-n-butyl phthalate	2.56	U	NT	
Di-n-octyl phthalate	2.56	U	NT	
Fluoranthene	2.56	U	NT	
Fluorene	2.56	U	NT	
Hexachlorobenzene	2.56	U	NT	
Hexachlorobutadiene	2.56	U	NT	
Hexachlorocyclopentadiene	2.56	U	NT	
Hexachloroethane	2.56	U	NT	
Indeno(1,2,3-cd)pyrene	2.56	U	NT	
Isophorone	2.56	U	NT	
Naphthalene	2.56	U	NT	
Nitrobenzene	2.56	U	NT	
N-Nitrosodimethylamine	2.56	U	NT	
N-nitroso-di-n-propylamine	2.56	U	NT	
N-Nitrosodiphenylamine	2.56	U	NT	
Pentachlorophenol	2.56	U	NT	
Phenanthrene	2.56	U	NT	
Phenol	2.56	U	NT	
Pyrene	2.56	U	NT	
Pyridine	2.56	U	NT	

NOTES:
Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample

Table 2 (Cont.)

Blank Analytical Results for Pesticides and PCBs

82 Brown Place,Bronx NY

Sample ID	Field Blank		Trip Blank	
Sampling Date	4/25/2014		4/25/2014	
Matrix	Water		Water	
Units	ug/L		ug/L	
Compound	Result	Q	Result	Q
4,4'-DDD	0.0011	U	NT	
4,4'-DDE	0.0011	U	NT	
4,4'-DDT	0.0011	U	NT	
Aldrin	0.0011	U	NT	
alpha-BHC	0.0011	U	NT	
Aroclor 1016	0.0526	U	NT	
Aroclor 1221	0.0526	U	NT	
Aroclor 1232	0.0526	U	NT	
Aroclor 1242	0.0526	U	NT	
Aroclor 1248	0.0526	U	NT	
Aroclor 1254	0.0526	U	NT	
Aroclor 1260	0.0526	U	NT	
beta-BHC	0.0011	U	NT	
Chlordane, total	0.0042	U	NT	
delta-BHC	0.0011	U	NT	
Dieldrin	0.0011	U	NT	
Endosulfan I	0.0011	U	NT	
Endosulfan II	0.0011	U	NT	
Endosulfan sulfate	0.0011	U	NT	
Endrin	0.0011	U	NT	
Endrin aldehyde	0.0011	U	NT	
Endrin ketone	0.0011	U	NT	
gamma-BHC (Lindane)	0.0011	U	NT	
Heptachlor	0.0011	U	NT	
Heptachlor epoxide	0.0011	U	NT	
Methoxychlor	0.0053	U	NT	
Total PCBs	0.0526	U	NT	
Toxaphene	0.0526	U	NT	

NOTES:

Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

NT=this indicates the analyte was not a target for this sample

Table 2 (Cont.)

Blanks Analytical Results for Metals

82 Brown Place,Bronx NY

Sample ID	Field Blank		Trip Blank	
Sampling Date	4/25/2014		4/25/2014	
Matrix	DI Water		DI Water	
Units	ug/L		ug/L	
Compound	Result	Q	Result	Q
Aluminum	10	U	NT	
Antimony	5	U	NT	
Arsenic	4	U	NT	
Barium	10	U	NT	
Beryllium	1	U	NT	
Cadmium	3	U	NT	
Calcium	50	U	NT	
Chromium	5	U	NT	
Cobalt	5	U	NT	
Copper	3	U	NT	
Iron	20	U	NT	
Lead	3	U	NT	
Magnesium	50	U	NT	
Manganese	5	U	NT	
Nickel	5	U	NT	
Potassium	50	U	NT	
Selenium	10	U	NT	
Silver	5	U	NT	
Sodium	100	U	NT	
Thallium	5	U	NT	
Vanadium	10	U	NT	
Zinc	10	U	NT	
Mercury	0.2	U	NT	

NOTES:

Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

NT=this indicates the analyte was not a target for this sample

Table 3
Groundwater Analytical Results for VOCs
82 Brown Place,Bronx NY

Sample ID	MW-2		MW-3		Field Blank		Trip Blank		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	4/25/2014		4/25/2014		4/25/2014		4/25/2014		
Matrix	Groundwater		Groundwater		DI Water		DI Water		
Units	ug/L		ug/L		ug/L		ug/L		
Compound	Result	Q	Result	Q	Result	Q	Result	Q	
1,1,1,2-Tetrachloroethane	3	U	3	U	3	U	2.50	U	5
1,1,1-Trichloroethane	3	U	3	U	3	U	2.50	U	5
1,1,2,2-Tetrachloroethane	3	U	3	U	3	U	2.50	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	3	U	3	U	3	U	2.50	U	5
1,1,2-Trichloroethane	3	U	3	U	3	U	2.50	U	1
1,1-Dichloroethane	3	U	3	U	3	U	2.50	U	5
1,1-Dichloroethylene	3	U	3	U	3	U	2.50	U	5
1,1-Dichloropropylene	3	U	3	U	3	U	2.50	U	5
1,2,3-Trichlorobenzene	3	U	3	U	3	U	2.50	U	5
1,2,3-Trichloropropane	3	U	3	U	3	U	2.50	U	0.04
1,2,4-Trichlorobenzene	3	U	3	U	3	U	2.50	U	5
1,2,4-Trimethylbenzene	**41**		**100**		3	U	2.50	U	5
1,2-Dibromo-3-chloropropane	3	U	3	U	3	U	2.50	U	0.04
1,2-Dibromoethane	3	U	3	U	3	U	2.50	U	5
1,2-Dichlorobenzene	3	U	3	U	3	U	2.50	U	3
1,2-Dichloroethane	3	U	3	U	3	U	2.50	U	0.6
1,2-Dichloropropane	3	U	3	U	3	U	2.50	U	1
1,3,5-Trimethylbenzene	**17**		**28**		3	U	2.50	U	5
1,3-Dichlorobenzene	3	U	3	U	3	U	2.50	U	3
1,3-Dichloropropane	3	U	3	U	3	U	2.50	U	5
1,4-Dichlorobenzene	3	U	3	U	3	U	2.50	U	3
2,2-Dichloropropane	3	U	3	U	3	U	2.50	U	5
2-Butanone	3	U	3	U	3	U	2.50	U	50
2-Chlorotoluene	3	U	3	U	3	U	2.50	U	5
4-Chlorotoluene	3	U	3	U	3	U	2.50	U	5
Acetone	3	U	**7**		3	U	4.30	J	50
Benzene	3	U	3	U	3	U	2.50	U	1
Bromobenzene	3	U	3	U	3	U	2.50	U	5
Bromochloromethane	3	U	3	U	3	U	2.50	U	5
Bromodichloromethane	3	U	3	U	3	U	2.50	U	50
Bromoform	3	U	3	U	3	U	2.50	U	50
Bromomethane	3	U	3	U	3	U	2.50	U	5
Carbon tetrachloride	3	U	3	U	3	U	2.50	U	5
Chlorobenzene	3	U	3	U	3	U	2.50	U	5
Chloroethane	3	U	3	U	3	U	2.50	U	5
Chloroform	**10**		**15**		3	U	2.50	U	7
Chloromethane	3	U	3	U	3	U	2.50	U	5
cis-1,2-Dichloroethylene	3	U	3	U	3	U	2.50	U	5
cis-1,3-Dichloropropylene	3	U	3	U	3	U	2.50	U	0.4
Dibromochloromethane	3	U	3	U	3	U	2.50	U	50
Dibromomethane	3	U	3	U	3	U	2.50	U	NS
Dichlorodifluoromethane	3	U	3	U	3	U	2.50	U	5
Ethyl Benzene	**7**		**27**		3	U	2.50	U	5
Hexachlorobutadiene	3	U	3	U	3	U	2.50	U	0.5
Isopropylbenzene	3	U	5	J	3	U	2.50	U	5
Methyl tert-butyl ether (MTBE)	3	U	3	U	3	U	2.50	U	10
Methylene chloride	3	U	3	U	3	U	2.50	U	5
Naphthalene	**11**	B	**22**	B	**4**	JB	2.50	U	5
n-Butylbenzene	4	J	**7**		3	U	2.50	U	5
n-Propylbenzene	4	J	**13**		3	U	2.50	U	10
o-Xylene	**25**		**60**		3	U	2.50	U	5
p- & m- Xylenes	**37**		**120**		5	U	5	U	5
p-Isopropyltoluene	3	U	3	U	3	U	2.50	U	5
sec-Butylbenzene	3	U	4	J	3	U	2.50	U	5
Styrene	3	U	3	U	3	U	2.50	U	5
tert-Butylbenzene	3	U	3	U	3	U	2.50	U	5
Tetrachloroethylene	3	U	3	U	3	U	2.50	U	5
Toluene	**6**		**21**		3	U	2.50	U	5
trans-1,2-Dichloroethylene	3	U	3	U	3	U	2.50	U	5
trans-1,3-Dichloropropylene	3	U	3	U	3	U	2.50	U	0.4
Trichloroethylene	3	U	3	U	3	U	2.50	U	5
Trichlorofluoromethane	3	U	3	U	3	U	2.50	U	5
Vinyl acetate	3	U	3	U	3	U	2.50	U	NS
Vinyl Chloride	3	U	3	U	3	U	2.50	U	2

NOTES:
Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
NT=this indicates the analyte was not a target for this sample
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 Analytical Results for SVOCs
82 Brown Place,Bronx NY

Sample ID	MW-2		MW-3		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	4/29/2014		4/25/2014		
Matrix	Groundwater		Groundwater		
Units	ug/L		ug/L		
Compound	Result	Q	Result	Q	
1,2,4-Trichlorobenzene	2.56	U	2.56	U	5
1,2-Dichlorobenzene	2.56	U	2.56	U	3
1,3-Dichlorobenzene	2.56	U	2.56	U	3
1,4-Dichlorobenzene	2.56	U	2.56	U	3
2,4,5-Trichlorophenol	2.56	U	2.56	U	1
2,4,6-Trichlorophenol	2.56	U	2.56	U	1
2,4-Dichlorophenol	2.56	U	2.56	U	5
2,4-Dimethylphenol	2.56	U	2.56	U	50
2,4-Dinitrophenol	2.56	U	2.56	U	10
2,4-Dinitrotoluene	2.56	U	2.56	U	5
2,6-Dinitrotoluene	2.56	U	2.56	U	5
2-Chloronaphthalene	2.56	U	2.56	U	10
2-Chlorophenol	2.56	U	2.56	U	1
2-Methylnaphthalene	2.56	U	**6.69**		NS
2-Methylphenol	2.56	U	2.56	U	1
2-Nitroaniline	2.56	U	2.56	U	5
2-Nitrophenol	2.56	U	2.56	U	1
3- & 4-Methylphenols	2.56	U	2.56	U	NS
3,3'-Dichlorobenzidine	2.56	U	2.56	U	5
3-Nitroaniline	2.56	U	2.56	U	5
4,6-Dinitro-2-methylphenol	2.56	U	2.56	U	NS
4-Bromophenyl phenyl ether	2.56	U	2.56	U	NS
4-Chloro-3-methylphenol	2.56	U	2.56	U	1
4-Chloroaniline	2.56	U	2.56	U	5
4-Chlorophenyl phenyl ether	2.56	U	2.56	U	NS
4-Nitroaniline	2.56	U	2.56	U	5
4-Nitrophenol	2.56	U	2.56	U	1
Acenaphthene	0.051	U	0.051	U	20
Acenaphthylene	0.051	U	0.051	U	NS
Aniline	2.56	U	2.56	U	5
Anthracene	0.051	U	0.051	U	50
Benzo(a)anthracene	0.051	U	0.051	U	0.002
Benzo(a)pyrene	0.051	U	0.051	U	0.002
Benzo(b)fluoranthene	0.051	U	0.051	U	0.002
Benzo(g,h,i)perylene	0.051	U	0.051	U	NS
Benzo(k)fluoranthene	0.051	U	0.051	U	0.002
Benzyl alcohol	2.56	U	2.56	U	NS
Benzyl butyl phthalate	2.56	U	2.56	U	50
Bis(2-chloroethoxy)methane	2.56	U	2.56	U	5
Bis(2-chloroethyl)ether	2.56	U	2.56	U	1
Bis(2-chloroisopropyl)ether	2.56	U	2.56	U	5
Bis(2-ethylhexyl)phthalate	**4.36**	JB	**8.35**	B	5
Chrysene	0.051	U	0.051	U	0.002
Dibenzo(a,h)anthracene	0.051	U	0.051	U	NS
Dibenzofuran	2.56	U	2.56	U	NS
Diethyl phthalate	2.56	U	2.56	U	50
Dimethyl phthalate	2.56	U	2.56	U	50
Di-n-butyl phthalate	2.56	U	2.56	U	50
Di-n-octyl phthalate	2.56	U	2.56	U	50
Fluoranthene	0.051	U	0.051	U	50
Fluorene	0.051	U	0.051	U	50
Hexachlorobenzene	0.021	U	0.021	U	0.04
Hexachlorobutadiene	0.51	U	0.51	U	0.5
Hexachlorocyclopentadiene	2.56	U	2.56	U	5
Hexachloroethane	0.51	U	0.51	U	5
Indeno(1,2,3-cd)pyrene	0.051	U	0.051	U	0.002
Isophorone	2.56	U	2.56	U	50
Naphthalene	0.051	U	2.77	J	10
Nitrobenzene	0.26	U	0.26	U	0.4
N-Nitrosodimethylamine	0.51	U	0.51	U	NS
N-nitroso-di-n-propylamine	2.56	U	2.56	U	NS
N-Nitrosodiphenylamine	2.56	U	2.56	U	50
Pentachlorophenol	0.26	U	0.26	U	1
Phenanthrene	0.051	U	0.051	U	50
Phenol	2.56	U	2.56	U	1
Pyrene	0.051	U	0.051	U	50
Pyridine	2.56	U	2.56	U	50

NOTES:
Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
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

82 Brown Place,Bronx NY

Sample ID	MW-2		MW-3		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	4/29/2014		4/29/2014		
Matrix	Groundwater		Groundwater		
Units	ug/L		ug/L		
Compound	Result	Q	Result	Q	
Aroclor 1016	0.050	U	0.050	U	0.09
Aroclor 1221	0.050	U	0.050	U	0.09
Aroclor 1232	0.050	U	0.050	U	0.09
Aroclor 1242	0.050	U	0.050	U	0.09
Aroclor 1248	0.050	U	0.050	U	0.09
Aroclor 1254	0.050	U	0.050	U	0.09
Aroclor 1260	0.050	U	0.050	U	0.09
Total PCBs	0.050	U	0.050	U	0.09
4,4'-DDD	0.0040	U	0.0040	U	0.3
4,4'-DDE	0.0040	U	0.0040	U	0.2
4,4'-DDT	0.0040	U	0.0040	U	0.2
Aldrin	0.0040	U	0.0040	U	NS
alpha-BHC	0.0040	U	0.0040	U	0.01
beta-BHC	0.0040	U	0.0040	U	0.04
Chlordane, total	0.040	U	0.040	U	0.05
delta-BHC	0.0040	U	0.0040	U	0.04
Dieldrin	0.0020	U	0.0020	U	0.004
Endosulfan I	0.0040	U	0.0040	U	NS
Endosulfan II	0.0040	U	0.0040	U	NS
Endosulfan sulfate	0.0040	U	0.0040	U	NS
Endrin	0.0040	U	0.0040	U	NS
Endrin aldehyde	0.010	U	0.010	U	5
Endrin ketone	0.010	U	0.010	U	5
gamma-BHC (Lindane)	0.0040	U	0.0040	U	0.05
Heptachlor	0.0040	U	0.0040	U	0.04
Heptachlor epoxide	0.0040	U	0.0040	U	0.03
Methoxychlor	0.0040	U	0.0040	U	35
Toxaphene	0.10	U	0.10	U	0.06

NOTES:

Q is the Qualifier Column with definitions as follows:

U=analyte not detected at or above the level indicated

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

Table 3 (Cont.)
Groundwater Samples Analytical Results for Metals
82 Brown Place,Bronx NY

Sample ID	MW-2		MW-3		Field Blank		Trip Blank		NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	4/25/2014		4/25/2014		4/25/2014		4/25/2014		
Matrix	Groundwater		Groundwater		DI Water		DI Water		
Units	ug/L		ug/L		ug/L		ug/L		
Compound	Result	Q	Result	Q	Result	Q	Result	Q	
Metals, Dissolved - Target Analyte (TAL)									
Aluminum	**12**		10	U	**24**		NT		NS
Antimony	5	U	5	U	5	U	NT		3
Arsenic	4	U	4	U	4	U	NT		25
Barium	**196**		**235**		10	U	NT		1000
Beryllium	1	U	1	U	1	U	NT		3
Cadmium	3	U	3	U	3	U	NT		5
Calcium	**106,000**		**110,000**		**242**		NT		NS
Chromium	5	U	5	U	5	U	NT		50
Chromium, Hexavalent	10	U	10	U	10	U	NT		50
Cobalt	**6**		**31**		5	U	NT		NS
Copper	3	U	3	U	3	U	NT		200
Iron	20	U	**523**		**55**		NT		NS
Lead	3	U	3	U	**3**		NT		25
Magnesium	**24,700**		**22,800**		50	U	NT		35000
Manganese	**5,350**		**9,670**		**13**		NT		300
Mercury	0.20	U	0.20	U	0.20	U	NT		0.7
Nickel	**17**		**87**		5	U	NT		100
Potassium	**14,100**		**14,200**		50	U	NT		NS
Selenium	10	U	10	U	10	U	NT		10
Silver	5	U	5	U	5	U	NT		50
Sodium	**86,100**		**80,400**		**247**		NT		20000
Thallium	5	U	5	U	5	U	NT		NS
Vanadium	10	U	10	U	10	U	NT		NS
Zinc	10	U	**18**		**19**		NT		2000
Metals, Target Analyte									
Aluminum	**3,790**		**249**		**21**		NT		NS
Antimony	5	U	5	U	5	U	NT		3
Arsenic	4	U	4	U	4	U	NT		25
Barium	**265**		**229**		10	U	NT		1000
Beryllium	1	U	1	U	1	U	NT		3
Cadmium	3	U	3	U	3	U	NT		5
Calcium	**108,000**		**111,000**		**271**		NT		NS
Chromium	12		**6**		5	U	NT		50
Chromium, Hexavalent	10	U	10	U	10	U	NT		50
Cobalt	**10**		**30**		5	U	NT		NS
Copper	**22**		**9**		3	U	NT		200
Iron	**6,200**		**2,270**		**80**		NT		NS
Lead	3	U	3	U	3	U	NT		25
Magnesium	**27,600**		**22,600**		**51**		NT		35000
Manganese	**5,400**		**9,110**		**12**		NT		300
Mercury	0.20	U	0.20	U	0.20	U	NT		0.7
Nickel	**28**		**86**		5	U	NT		100
Potassium	**17,100**		**14,200**		50	U	NT		NS
Selenium	10	U	10	U	10	U	NT		10
Silver	5	U	5	U	5	U	NT		50
Sodium	**86,400**		**78,900**		**401**		NT		20000
Thallium	5	U	5	U	5	U	NT		NS
Vanadium	**18**		10	U	10	U	NT		NS
Zinc	**32**		**20**		**21**		NT		2000

NOTES:
Q is the Qualifier Column with definitions as follows:
U=analyte not detected at or above the level indicated
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 and outdoor Air Analytical Results
82 Brown Place, Bronx, NY

Sample ID	SV-1		SV-2		SV-3		SV-4		AI- 1	
Sampling Date	2/11/2014		2/11/2014		2/11/2014		2/11/2014		2/11/2014	
Client Matrix	Soil Vapor		Soil Vapor		Soil Vapor		Soil Vapor		Outdoor Ambient Air	
Units	ug/m³		ug/m³		ug/m³		ug/m³		ug/m³	
Compound	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
1,1,1-Trichloroethane	20	U	11	U	10	U	10.00	U	0.55	U
1,1,2,2-Tetrachloroethane	25	U	14	U	12	U	13.00	U	0.70	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Frec	28	U	16	U	14	U	15.00	U	**1.00**	
1,1,2-Trichloroethane	20	U	11	U	10	U	10.00	U	0.55	U
1,1-Dichloroethane	15.00	U	9	U	7.30	U	7.70	U	0.41	U
1,1-Dichloroethylene	15	U	8	U	7.10	U	7.50	U	0.40	U
1,2,4-Trichlorobenzene	27.00	U	16	U	13	U	14.00	U	0.75	U
1,2,4-Trimethylbenzene	18	U	10	U	9	U	9	U	**2**	
1,2-Dibromoethane	28	U	16	U	14	U	15.00	U	0.78	U
1,2-Dichlorobenzene	22	U	13	U	11	U	11.00	U	0.61	U
1,2-Dichloroethane	15.00	U	9	U	7.30	U	7.70	U	0.41	U
1,2-Dichloropropane	17	U	10	U	8.30	U	8.80	U	0.47	U
1,2-Dichlorotetrafluoroethane	26.00	U	15	U	13	U	13.00	U	0.71	U
1,3,5-Trimethylbenzene	18.00	U	10	U	9	U	9.30	U	**0.80**	
1,3-Butadiene	16	U	9	U	7.80	U	8.20	U	**0.84**	
1,3-Dichlorobenzene	22	U	13	U	11	U	11.00	U	0.61	U
1,4-Dichlorobenzene	22.00	U	13	U	11	U	11.00	U	0.61	U
1,4-Dioxane	13.00	U	8	U	6.50	U	6.80	U	0.37	U
2-Butanone	11	U	**9.90**	D	**10**	D	6	U	**3**	
2-Hexanone	30.00	U	17	U	15	U	16.00	U	0.83	U
4-Methyl-2-pentanone	**15**	U	9	U	7.40	U	7.80	U	0.42	U
Acetone	**16.00**	D	**110**	D	**79**	D	**19**	D	**23**	
Benzene	12	U	7	U	6	U	6	U	**3**	
Benzyl chloride	19	U	11	U	9.30	U	9.80	U	0.53	U
Bromodichloromethane	23	U	13	U	11	U	12.00	U	0.63	U
Bromoform	38.00	U	22	U	19	U	20.00	U	1.10	U
Bromomethane	14.00	U	8	U	7.00	U	7.40	U	0.39	U
Carbon disulfide	11.00	U	**100.00**	D	**6.20**	D	5.90	U	**0.32**	
Carbon tetrachloride	12.00	U	7	U	5.70	U	6.00	U	**0.90**	
Chlorobenzene	17.00	U	10	U	8.30	U	8.70	U	0.47	U
Chloroethane	9.70	U	5.50	U	4.70	U	5.00	U	0.27	U
Chloroform	**270.00**	D	**460**	D	**120**	D	**700.00**	D	**1.70**	
Chloromethane	7.60	U	4.30	U	3.70	U	3.90	U	**1.80**	
cis-1,2-Dichloroethylene	15.00	U	8	U	7.10	U	7.50	U	0.40	U
cis-1,3-Dichloropropylene	17.00	U	10	U	8.20	U	8.60	U	0.46	U
Cyclohexane	**210**	D	7	U	6	U	6.50	U	**0.70**	
Dibromochloromethane	29.00	U	17	U	14	U	15.00	U	0.82	U
Dichlorodifluoromethane	18.00	U	10	U	8.90	U	9	U	**5**	
Ethyl acetate	13.00	U	8	U	6.50	U	6.80	U	0.37	U
Ethyl Benzene	16	U	9	U	8	U	8	U	**1**	
Hexachlorobutadiene	39.00	U	22	U	19	U	20.00	U	1.10	U
Isopropanol	18.00	U	10	U	9	U	9	U	**6**	
Methyl Methacrylate	15.00	U	9	U	7.40	U	7.80	U	0.42	U
Methyl tert-butyl ether (MTBE)	13	U	8	U	6.50	U	6.80	U	0.37	U
Methylene chloride	**22.00**	BD	**10**	BD	**16.00**	BD	**11**	BD	**41**	B
n-Heptane	15	U	9	U	**19**	D	8	U	**4**	
n-Hexane	13.00	U	7	U	**27**	D	**11**	D	**8**	
o-Xylene	16	U	9	U	8	U	8	U	**1**	
p- & m- Xylenes	32.00	U	18	U	16	U	16	U	**3**	
p-Ethyltoluene	18.00	U	10	U	9	U	9	U	**2**	
Propylene	6.30	U	4	U	3.10	U	3	U	**0.18**	U
Styrene	16	U	9	U	7.70	U	8.10	U	0.43	
Tetrachloroethylene	25.00	U	14	U	12	U	13.00	U	0.69	U
Tetrahydrofuran	11	U	6.20	U	5.30	U	5.60	U	**2.80**	
Toluene	**430.00**	D	**14**	D	**20**	D	**13**	D	**7**	
trans-1,2-Dichloroethylene	15.00	U	8	U	7.10	U	7.50	U	0.40	U
trans-1,3-Dichloropropylene	17.00	U	10	U	8.20	U	8.60	U	0.46	U
Trichloroethylene	10	U	5.60	U	4.80	U	5.10	U	0.27	U
Trichlorofluoromethane (Freon 11)	21.00	U	12	U	10	U	11.00	U	**3.30**	
Vinyl acetate	13	U	7	U	6.30	U	6.70	U	0.36	U
Vinyl Chloride	9.4	U	5.30	U	4.60	U	4.90	U	0.26	U

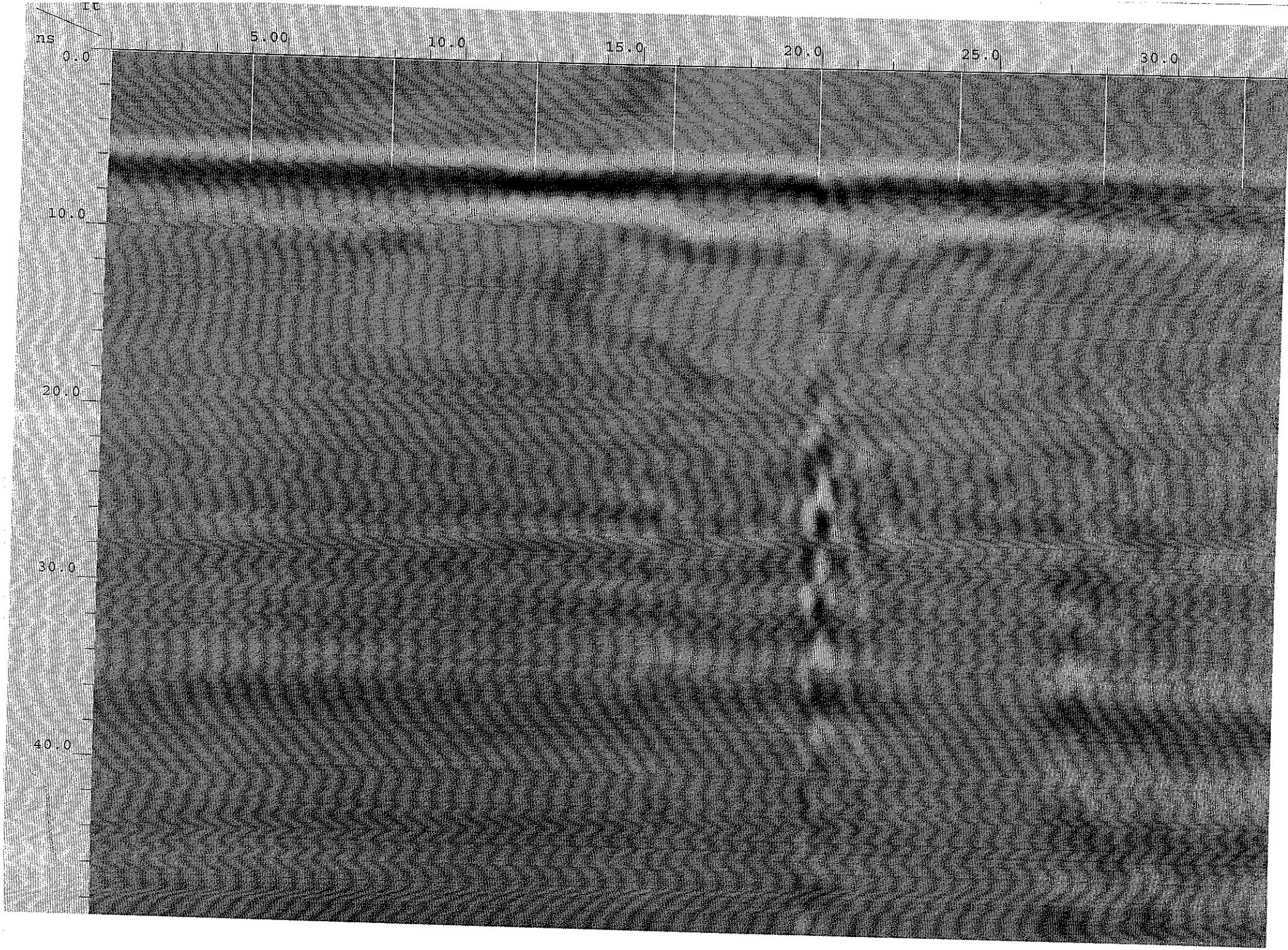
NOTES:
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
NT=this indicates the analyte was not a target for this sample

APPENDICES

APPENDIX-A
PREVIOUS INVESTIGATIONS (CD-ROM)

APPENDIX-B
PHOTOGRAPHS

APPENDIX-C
GPR SUMMARY REPORT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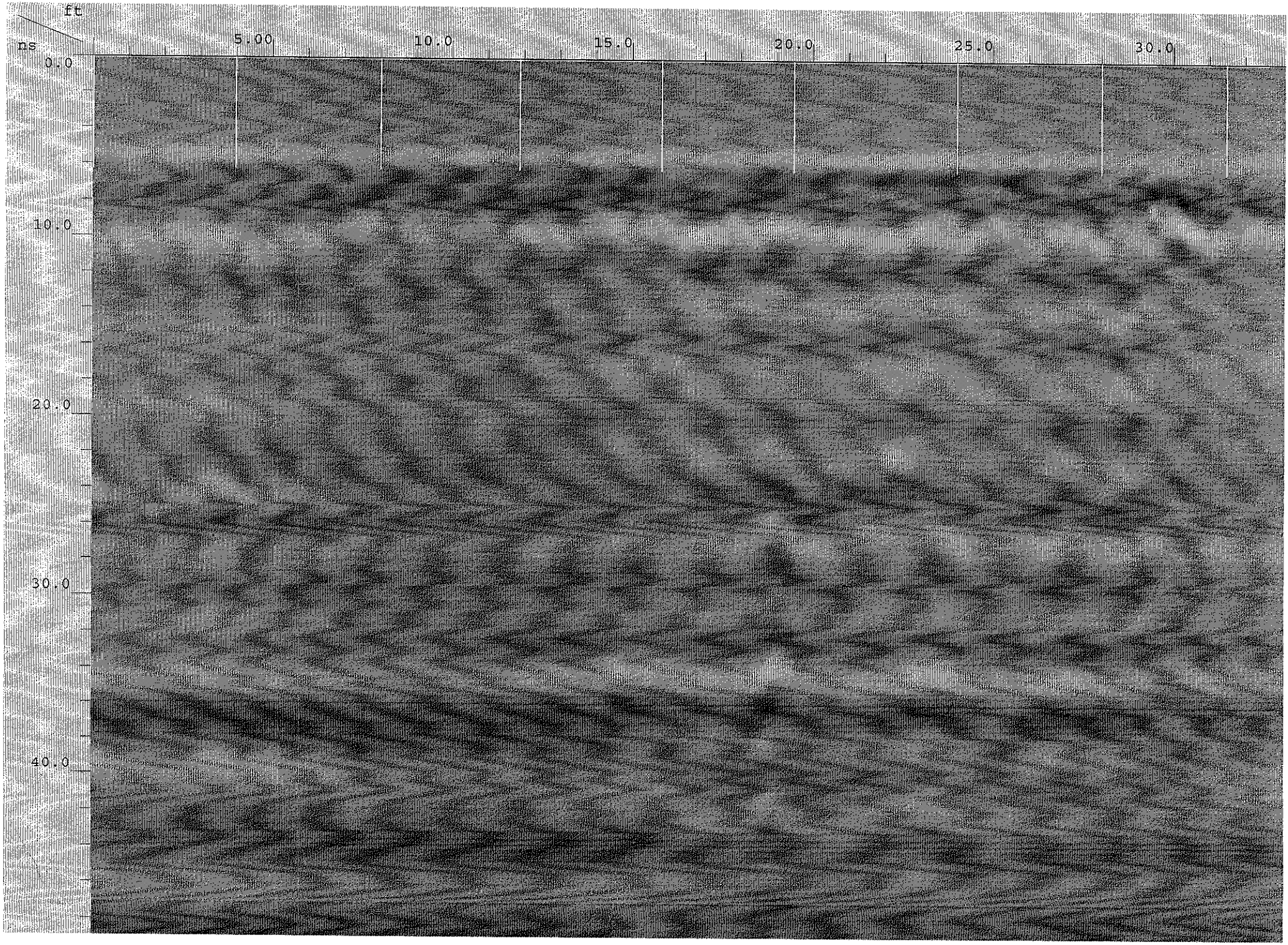
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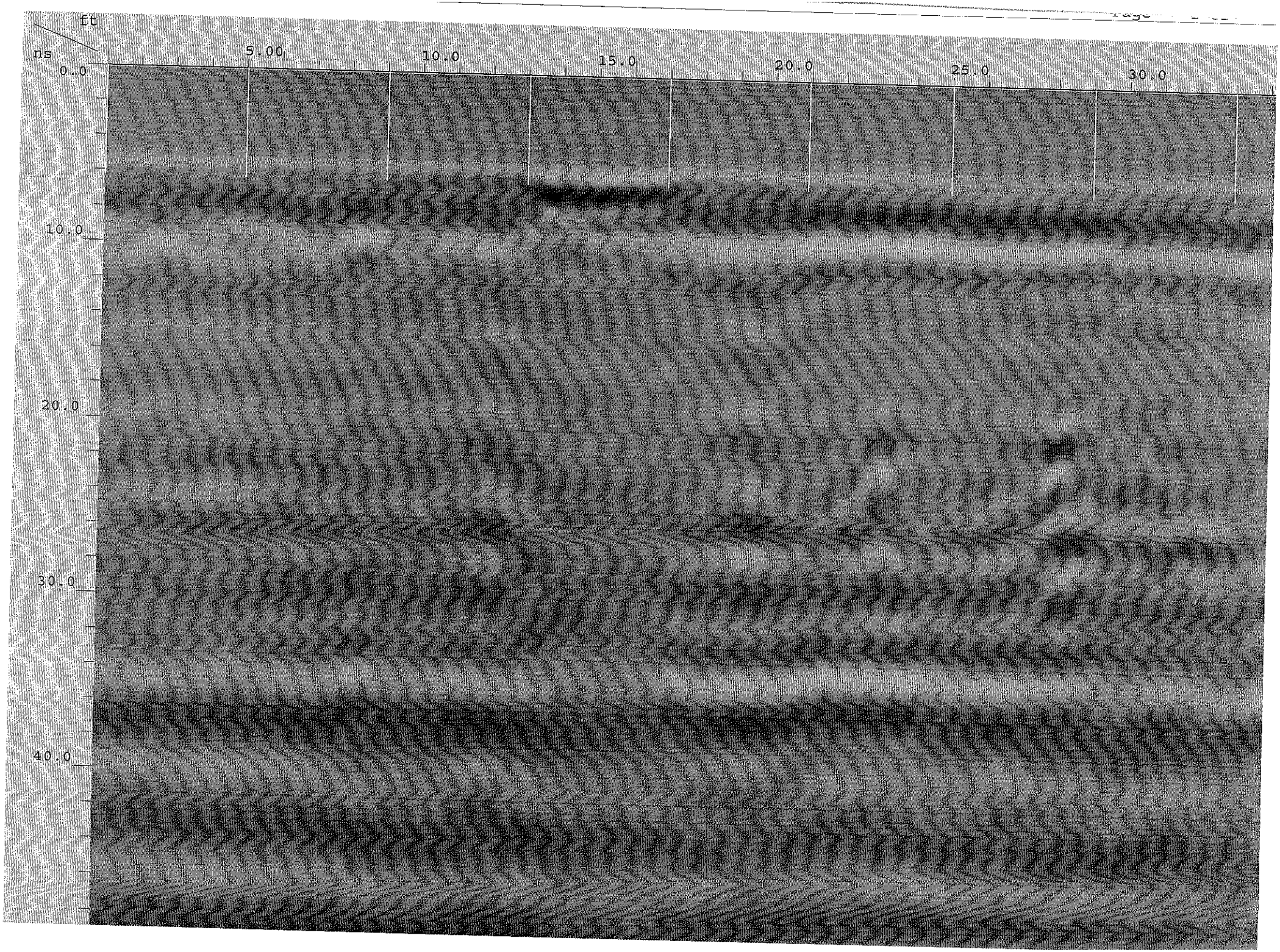
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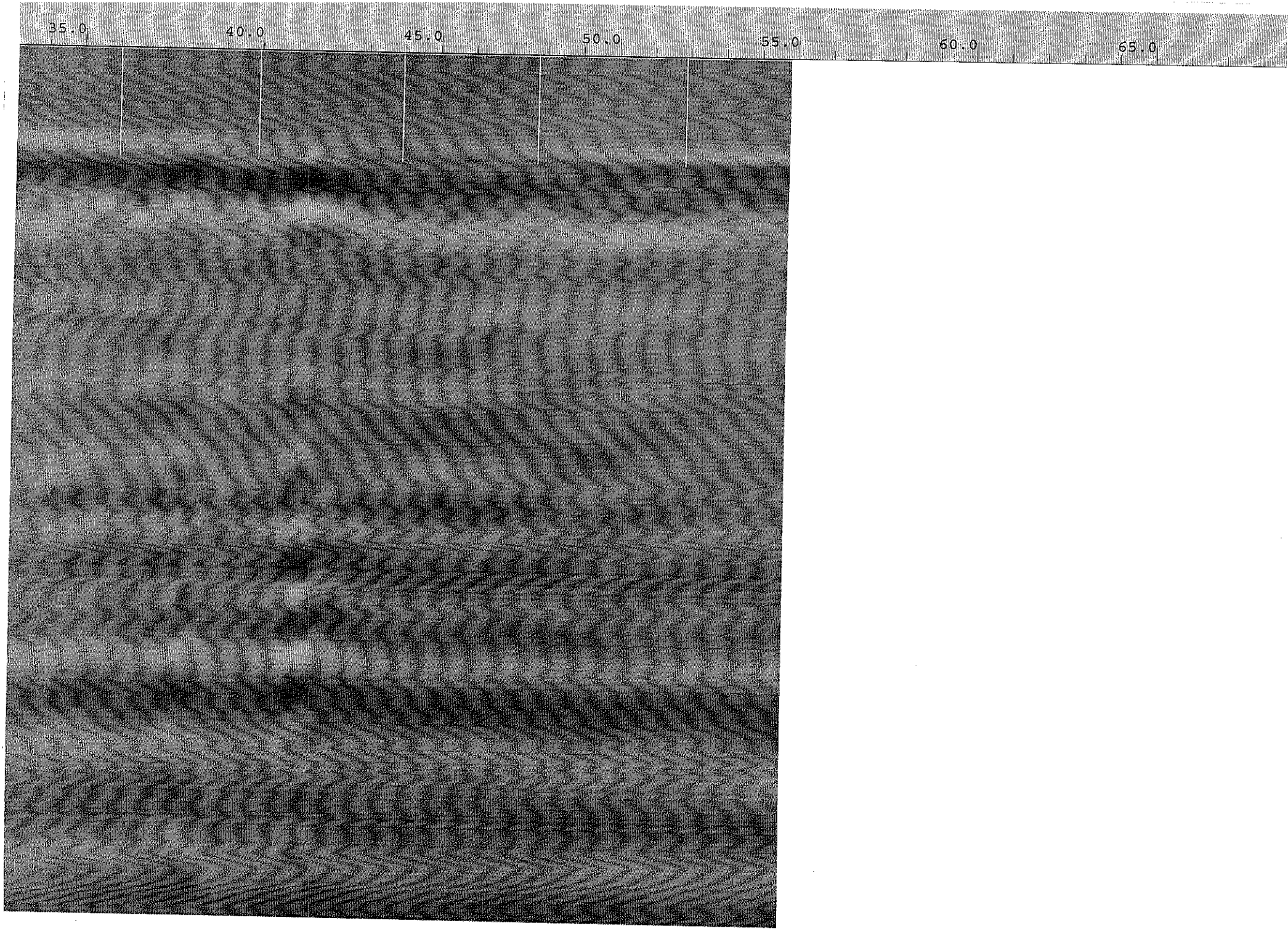
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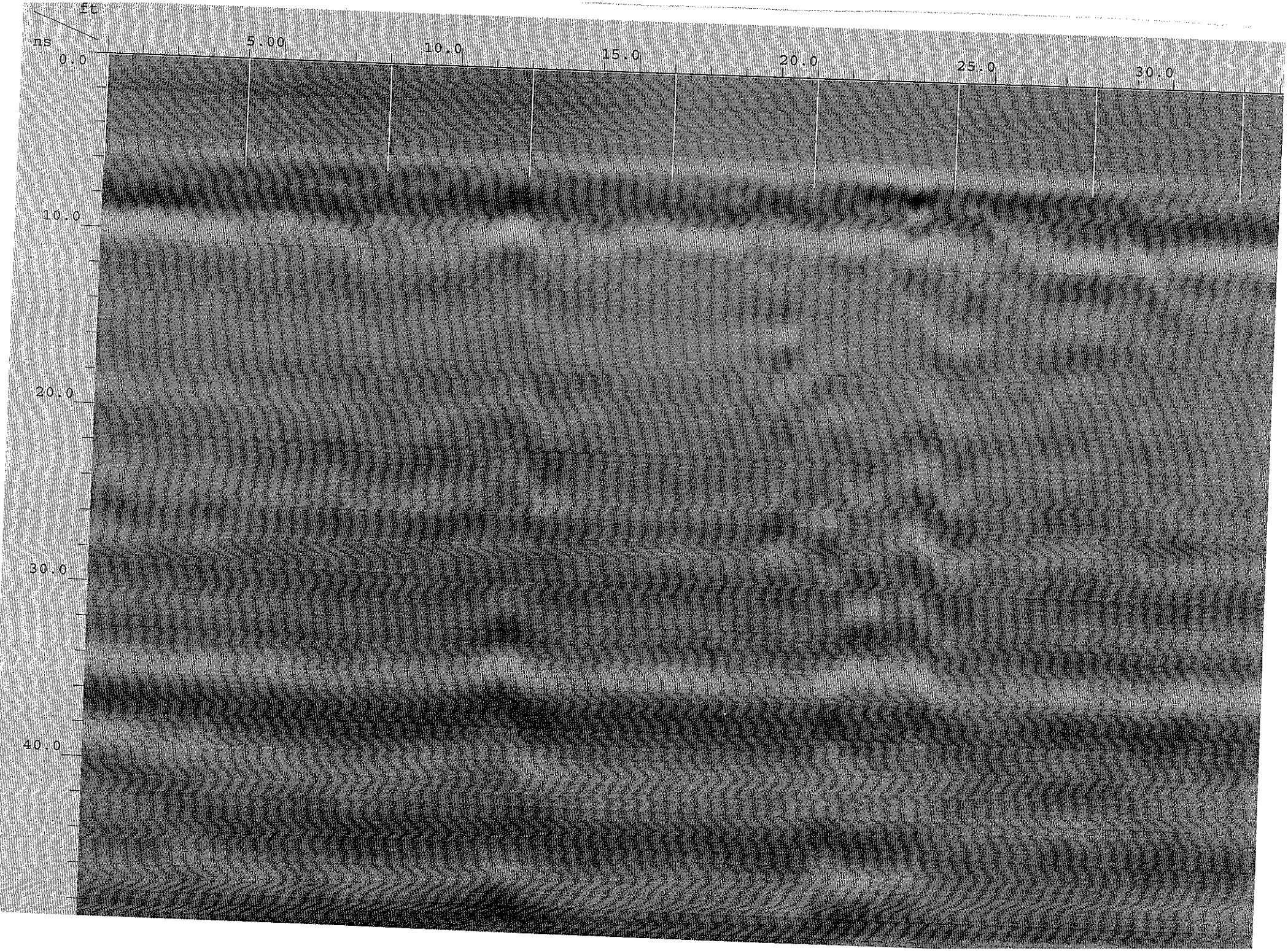
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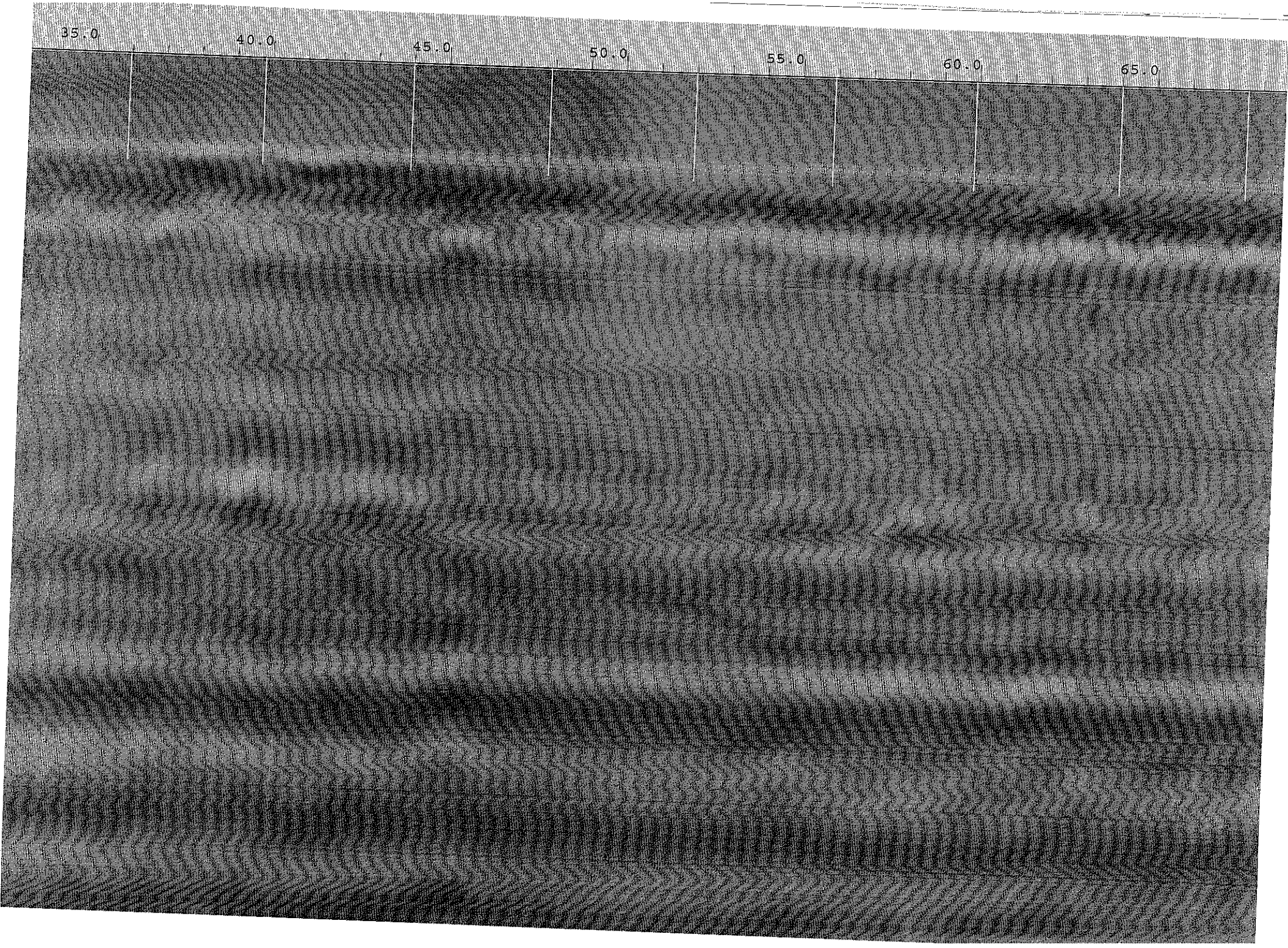
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APPENDIX-D
SOIL BORING LOGS

Hydro Tech Environmental, Corp.

Main Office
77 Arkay Drive, Suite G
Hauppauge, New York 11788
T (631) 462-5866 · F (631) 462-5877

NYC Office
15 Ocean Avenue, 2nd Floor
Brooklyn, New York 11225
T (718) 636-0800 · F (718) 636-0900

www.hydrotechenvironmental.com

Soil Probe Log

Job No: 130175

Date: 2/7/2014

Location: 82 Brown Place, Bronx, NY

Boring No.: SP-1

Drilling Method: Direct Push

Total Depth: 8 Feet

Sampling Interval: 2 Feet

Sampling Method: Grab

Driller: Efrain

Depth to Water: N/A

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	Concrete, reddish medium grained sand with pebbles and bricks. No odor
-2	0.0	SP	Brown medium grained sand with trace of ash. No odor
-4	0.0	SW	Brown medium grained sand. No odor
-6	0.0	SW	Brown medium grained sand. No odor
-8			

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Main Office
77 Arkay Drive, Suite G
Hauppauge, New York 11788
T (631) 462-5866 · F (631) 462-5877

NYC Office
15 Ocean Avenue, 2nd Floor
Brooklyn, New York 11225
T (718) 636-0800 · F (718) 636-0900

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Soil Probe Log

Job No: 130175

Date: 2/10/2014

Location: 82 Brown Place, Bronx, 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: 6 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, brown medium grained sand with pebbles and bricks. No odor
-2	0.0	SP	Brown medium grained sand with pebbles and bricks. No odor
-4	0.0	SP	Dark brown medium grained sand with bricks. Bedrock refusal at 6 feet. No odor
-6			

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Main Office
77 Arkay Drive, Suite G
Hauppauge, New York 11788
T (631) 462-5866 · F (631) 462-5877

NYC Office
15 Ocean Avenue, 2nd Floor
Brooklyn, New York 11225
T (718) 636-0800 · F (718) 636-0900

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Soil Probe Log

Job No: 130175

Date: 2/7/2014

Location: 82 Brown Place, Bronx, 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: 8 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 and bricks. No odor
-2	0.0	SP	Bricks. No odor
-4	0.0	SP	Red brown medium grained sand with bricks. No odor
-6	0.0	SW	Grey medium grained sand. No odor
-8			

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77 Arkay Drive, Suite G
Hauppauge, New York 11788
T (631) 462-5866 · F (631) 462-5877

NYC Office
15 Ocean Avenue, 2nd Floor
Brooklyn, New York 11225
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Soil Probe Log

Job No: 130175

Date: 2/10/2014

Location: 82 Brown Place, Bronx, NY

Boring No.: SP-4

Drilling Method: Direct Push

Total Depth: 8 Feet

Sampling Interval: 2 Feet

Sampling Method: Grab

Driller: Efrain

Depth to Water: N/A

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	Concrete, brown fine/medium grained sand with bricks. No odor
-2	0.0	SP	Brown fine grained sand with bricks. No odor
-4	0.0	SP	Brown fine grained sand with bricks. No odor
-6	0.0	SW	Brown fine grained sand. No odor
-8			

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77 Arkay Drive, Suite G
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NYC Office
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Brooklyn, New York 11225
T (718) 636-0800 · F (718) 636-0900

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Soil Probe Log

Job No: 130175

Date: 2/7/2014

Location: 82 Brown Place, Bronx, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SP-5

Driller: Efrain

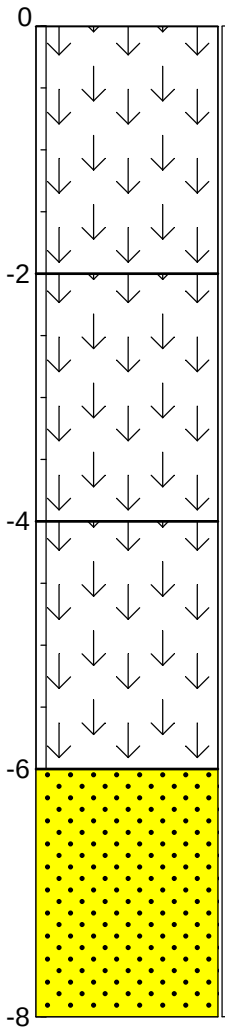
Drilling Method: Direct Push

Depth to Water: N/A

Total Depth: 8 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	SP	Concrete, dark brown medium grained sand with bricks and glass. No odor
	0.0	SP	Grey medium grained sand with bricks. No odor
	0.0	SP	Grey medium grained sand with bricks. No odor
	0.0	SW	Brown medium/coarse grained sand. No odor

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77 Arkay Drive, Suite G
Hauppauge, New York 11788
T (631) 462-5866 · F (631) 462-5877

NYC Office
15 Ocean Avenue, 2nd Floor
Brooklyn, New York 11225
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Soil Probe Log

Job No: 130175

Date: 2/7/2014

Location: 82 Brown Place, Bronx, NY

Boring No.: SP-6

Drilling Method: Direct Push

Total Depth: 8 Feet

Sampling Interval: 2 Feet

Sampling Method: Grab

Driller: Efrain

Depth to Water: N/A

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	Concrete and bricks. No odor
-2	0.0	SP	Brown fine grained sand with ash. No odor
-4	0.0	SW	Brown fine grained sand. No odor
-6	0.0	SW	Brown fine grained sand. No odor
-8			

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Main Office
77 Arkay Drive, Suite G
Hauppauge, New York 11788
T (631) 462-5866 · F (631) 462-5877

NYC Office
15 Ocean Avenue, 2nd Floor
Brooklyn, New York 11225
T (718) 636-0800 · F (718) 636-0900

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Soil Probe Log

Job No: 130175

Date: 2/7/2014

Location: 82 Brown Place, Bronx, NY

Boring No.: SP-7

Drilling Method: Direct Push

Total Depth: 8 Feet

Sampling Interval: 2 Feet

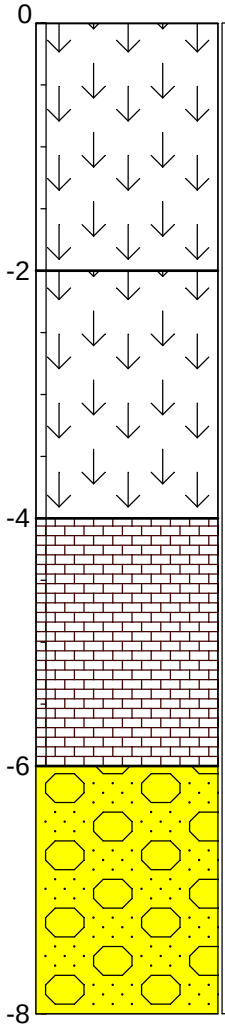
Sampling Method: Grab

Driller: Efrain

Depth to Water: N/A

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	SP	Concrete, brown medium/fine grained sand with bricks. No odor
	0.0	SP	Brown medium grained sand with pebbles and bricks. No odor
	0.0	SP	Brown fine grained silty sand. No odor
	0.0	SP	Grey fine grained sand with pebbles and rocks. No odor

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 11225

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

WELL CONSTRUCTION LOG

Job No: 130175 Date: 04-16-2014 Page: 1 OF 1

Location: 82 BROWN PLACE, BRONX, NY

Well Number: MW-2

Drilling Method: ROTARY AUGER

Total Depth: 30'

Depth to Water: 14.5'

Manhole Size: 5"

Screen Size: 0.010"

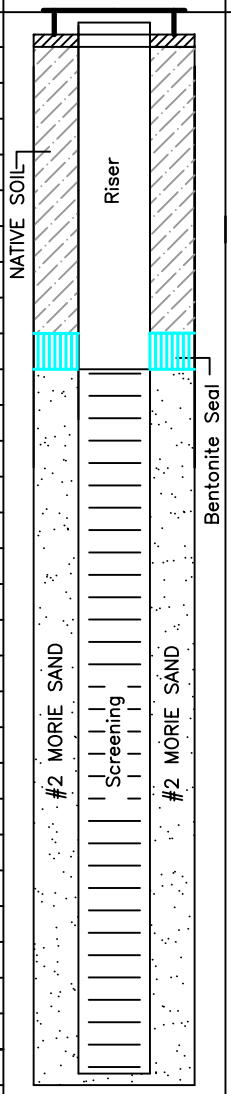
Screen Interval: 20.00'

Diameter: 1"

Riser Length: 10.00'

Sand Size: #2

Depth Below Grade (ft.)	Sample Interval (ft.)	Well Construction	Description
2			5" Manhole Cover.
4			0'-10.00' - 1" PVC Riser.
6			0'-9.00' - Native Soil.
8			9.00'-10.00' - Bentonite Seal.
10			10.00'-30.00' - #2 Sand.
12			10.00'-30.00' - 1" PVC Screen.
14			
16			
18			
20			
22			
24			
26			
28			
30			
32			
34			
36			



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 11225

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

WELL CONSTRUCTION LOG

Job No: 130175 Date: 04-17-2014 Page: 1 OF 1

Location: 82 BROWN PLACE, BRONX, NY

Well Number: MW-3

Drilling Method: ROTARY AUGER

Total Depth: 30'

Depth to Water: 14.5'

Manhole Size: 5"

Screen Size: 0.010"

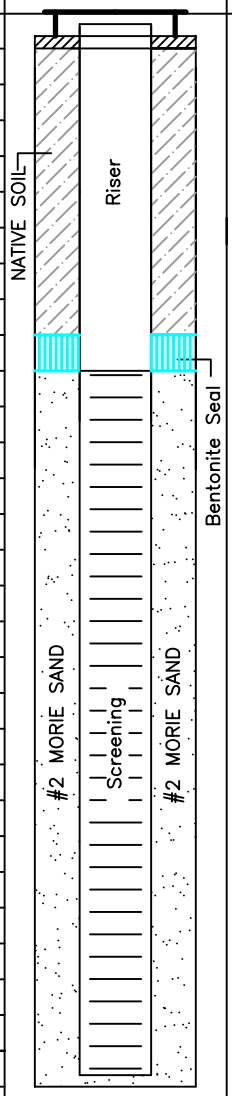
Screen Interval: 20.00'

Diameter: 1"

Riser Length: 10.00'

Sand Size: #2

Depth Below Grade (ft.)	Sample Interval (ft.)	Well Construction	Description
2			5" Manhole Cover.
4			0'-10.00' - 1" PVC Riser.
6			0'-9.00' - Native Soil.
8			9.00'-10.00' - Bentonite Seal.
10			10.00'-30.00' - #2 Sand.
12			10.00'-30.00' - 1" PVC Screen.
14			
16			
18			
20			
22			
24			
26			
28			
30			
32			
34			
36			



APPENDIX-F
WELL PURGING AND SAMPLING LOG

Hydro Tech Environmental, Corp.

Monitoring Well Sampling Log Sheet

Job No.: 130175 Well No.: MW-3 Date: 4/28/14

Well Depth: 29.65 Screen Length: 20' Well Diameter: 1" Casing Type: PVC

Sampling Device: Horiba + ~~Geopump~~ Tubing Type: Silicon Initial DTP: ND Initial DTW: 14.75

Well Volume: #2 Total Volume Purged: 4L

Sampling Personnel: Silvestre + Efrain

Low Flow Sampling required ? Yes : X No: _____

Order of stabilization			a	b	c	e	f	d	
Deviation			±1		± 3%	± 10%	± 10%	± 10 mv	
Time	DTP (ft)	DTW (ft)	pH	Temp (°F)	Cond. (S/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Notes
10:20	ND	14.75	7.12	12.79	1.36	12.02	30.0	-29	2L
10:40	ND	17.40	6.96	13.30	1.28	14.70	17.5	-19	2L

Hydro Tech Environmental, Corp.

Monitoring Well Sampling Log Sheet

Job No.: 130175 Well No.: MW-2 Date: 4/25/14

Well Depth: 28.80 Screen Length: 20' Well Diameter: 1" Casing Type: pvc

Sampling Device: Horiba + geopump Tubing Type: silicon Initial DTP: ND Initial DTW: 14.49

Well Volume: #2 Total Volume Purged: 4 L

Sampling Personnel: Silvestre + Efrain

Low Flow Sampling required ? Yes : X No: _____

Order of stabilization			a	b	c	e	f	d	
Deviation			±1		± 3%	± 10%	± 10%	± 10 mv	
Time	DTP (ft)	DTW (ft)	pH	Temp (°F)	Cond. (S/Cm)	Dis.O2 (mg/L)	Turb.(NTU)	ORP (mV)	Notes
11:25	ND	14.49	7.37	12.49	1.27	2.44	15.1	-64	2L
11:45	ND	14.62	6.79	13.11	1.36	2.00	10.8	-31	2L

APPENDIX-G
SOIL VAPOR SAMPLING LOG

AIR SAMPLING LOG

Weather Conditions during past 24-48 hrs:

Building Ventilation Conditions:

Source(s) of VOCs in Area:

Sample Coordinates						Sampler Name	Indoor PID Reading (ppm)	Indoor air temp (°F)	Summa Canister ID	Canister Volume (L)	Purge Volume(s) (L)	Helium Detector (µg/L)		Time start (24 hr)	Time Stop (24 hr)	Canister Vacuum ("Hg)		Total Volume Extracte (L)	Weather (Wind, Dry, Moist, Saturated, temp) of Sampling Zone
Sample ID	Sampling Date	Air Matrix	Sub-Surface Installation									Start	Stop			Before	After		
			Date	Time	Depth														
SV-1	2/10/14	SV	2/7/14		9ft	Matthew Keavney			X72	6	Syringe	9:38	9:39	9:40	13:40	<-30	-21		Dry
SV-2	2/10/14	SV	2/10/14		9ft	Matthew Keavney			YAL005	6	Syringe	9:50	9:51	9:52	13:52	<-30	-11		Dry
SV-3	2/10/14	SV	2/7/14		9ft	Matthew Keavney			S25	6	Syringe	9:59	10:00	10:01	14:02	<-30	-2		dry
SV-4	2/10/14	SV	2/10/14		9ft	Matthew Keavney			H27	6	Syringe	10:01	10:02	10:04	14:04	<-30	-5		dry
AI-1	2/10/14	AI	n/a		n/a	Matthew Keavney			S14	6	Syringe	9:53	9:54	9:55	13:55	-29	-25		dry

Air Matrix Codes:
AI - Indoor Air
AO- Outdoor Air
SV - Soil Vapor
SB - Sub-slab

Notes :

130075 - 82 Brown Place, Bronx

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: 02/17/2014
Client Project ID: 130175-82 Brown Place
York Project (SDG) No.: 14B0226

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

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

Report Date: 02/17/2014
Client Project ID: 130175-82 Brown Place
York Project (SDG) No.: 14B0226

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 February 11, 2014 and listed below. The project was identified as your project: **130175-82 Brown Place**.

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
14B0226-01	SP-1 (0'-2')	Soil	02/07/2014	02/11/2014
14B0226-02	SP-1 (6'-8')	Soil	02/07/2014	02/11/2014
14B0226-03	SP-2 (0'-2')	Soil	02/10/2014	02/11/2014
14B0226-04	SP-2 (4'-6')	Soil	02/10/2014	02/11/2014
14B0226-05	SP-3 (0'-2')	Soil	02/07/2014	02/11/2014
14B0226-06	SP-3 (6'-8')	Soil	02/07/2014	02/11/2014
14B0226-07	SP-4 (0'-2')	Soil	02/10/2014	02/11/2014
14B0226-08	SP-4 (6'-8')	Soil	02/10/2014	02/11/2014
14B0226-09	SP-5 (0'-2')	Soil	02/10/2014	02/11/2014
14B0226-10	SP-5 (6'-8')	Soil	02/07/2014	02/11/2014
14B0226-11	SP-6 (0'-2')	Soil	02/07/2014	02/11/2014
14B0226-12	SP-6 (6'-8')	Soil	02/07/2014	02/11/2014
14B0226-13	SP-7 (0'-2')	Soil	02/07/2014	02/11/2014
14B0226-14	SP-7 (6'-8')	Soil	02/07/2014	02/11/2014
14B0226-15	Field Blank	Water	02/07/2014	02/11/2014
14B0226-16	Trip Blank	Water	02/10/2014	02/11/2014

General Notes for York Project (SDG) No.: 14B0226

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

Approved By:

Date: 02/17/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **14B0226-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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	02/12/2014 08:50	02/12/2014 17:21	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	64	130	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
78-93-3	2-Butanone	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
67-64-1	Acetone	**34**		ug/kg dry	3.2	13	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
71-43-2	Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
108-86-1	Bromobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **14B0226-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
75-25-2	Bromoform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
67-66-3	Chloroform	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
75-09-2	Methylene chloride	ND		ug/kg dry	3.2	13	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
91-20-3	Naphthalene	ND		ug/kg dry	3.2	13	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	6.4	13	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
100-42-5	Styrene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
108-88-3	Toluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **14B0226-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
79-01-6	Trichloroethylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	9.6	19	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	02/12/2014 08:50	02/12/2014 17:21	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.9 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*107 %*	*85-118*

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	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
62-53-3	Aniline	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
120-12-7	Anthracene	**526**	J	ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
56-55-3	Benzo(a)anthracene	**1860**		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
50-32-8	Benzo(a)pyrene	**1660**		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
205-99-2	Benzo(b)fluoranthene	**1020**		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
191-24-2	Benzo(g,h,i)perylene	**485**	J	ug/kg dry	470	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
207-08-9	Benzo(k)fluoranthene	**1100**		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	470	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	470	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	470	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **14B0226-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
218-01-9	Chrysene	**2230**		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
53-70-3	Dibenzo(a,h)anthracene	**255**	J	ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	934	1860	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	470	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	470	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	934	1860	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	470	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
206-44-0	Fluoranthene	**3210**		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
86-73-7	Fluorene	**278**	J	ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	470	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**464**	J	ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
78-59-1	Isophorone	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	470	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	470	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
91-20-3	Naphthalene	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	470	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **14B0226-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
100-01-6	4-Nitroaniline	ND		ug/kg dry	470	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	470	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	470	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	470	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
85-01-8	Phenanthrene	**2480**		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
108-95-2	Phenol	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
129-00-0	Pyrene	**3240**		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
110-86-1	Pyridine	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	235	932	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:20	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*24.1 %*	*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*54.8 %*	*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*61.1 %*	*10-148*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*80.2 %*	*10-111*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*28.5 %*	*10-142*
1718-51-0	*Surrogate: Terphenyl-d14*	*69.0 %*	*10-147*

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	93.4	93.4	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 13:46	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.23	9.23	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 13:46	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.85	1.85	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 13:46	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.85	1.85	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 13:46	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.85	1.85	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 13:46	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	1.85	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 13:46	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.85	1.85	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 13:46	JW

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **14B0226-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
72-20-8	Endrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 13:46	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	1.85	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 13:46	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.85	1.85	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 13:46	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	1.85	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 13:46	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 13:46	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 13:46	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.38	7.38	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 13:46	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 13:46	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.85	1.85	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 13:46	JW
309-00-2	Aldrin	ND		ug/kg dry	1.85	1.85	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 13:46	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.85	1.85	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 13:46	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.85	1.85	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 13:46	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.85	1.85	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 13:46	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 20:44	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 20:44	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 20:44	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 20:44	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 20:44	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 20:44	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.0	19.0	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 20:44	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.61	19.0	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 20:44	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*60.1 %*	*30-140*

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	**9670**		mg/kg dry	1.12	1.12	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW
7440-36-0	Antimony	**0.734**		mg/kg dry	0.559	0.559	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW
7440-38-2	Arsenic	**5.11**		mg/kg dry	1.12	1.12	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW
7440-39-3	Barium	**155**		mg/kg dry	1.12	1.12	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **14B0226-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
7440-41-7	Beryllium	ND		mg/kg dry	0.112	0.112	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW
7440-43-9	Cadmium	**0.773**		mg/kg dry	0.336	0.336	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW
7440-70-2	Calcium	**50600**		mg/kg dry	0.559	5.59	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW
7440-47-3	Chromium	**22.9**		mg/kg dry	0.559	0.559	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW
7440-48-4	Cobalt	**6.25**		mg/kg dry	0.559	0.559	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW
7440-50-8	Copper	**25.8**		mg/kg dry	0.559	0.559	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW
7439-89-6	Iron	**16200**		mg/kg dry	2.24	2.24	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW
7439-92-1	Lead	**147**		mg/kg dry	0.336	0.336	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW
7439-95-4	Magnesium	**8010**		mg/kg dry	5.59	5.59	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW
7439-96-5	Manganese	**227**		mg/kg dry	0.559	0.559	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW
7440-02-0	Nickel	**12.2**		mg/kg dry	0.559	0.559	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW
7440-09-7	Potassium	**3380**		mg/kg dry	5.59	5.59	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW
7782-49-2	Selenium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW
7440-22-4	Silver	ND		mg/kg dry	0.559	0.559	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW
7440-23-5	Sodium	**757**		mg/kg dry	11.2	11.2	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW
7440-28-0	Thallium	ND		mg/kg dry	1.12	1.12	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW
7440-62-2	Vanadium	**31.0**		mg/kg dry	1.12	1.12	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	MW
7440-66-6	Zinc	**120**		mg/kg dry	1.12	1.12	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:19	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	**0.0801**		mg/kg dry	0.0336	0.0336	1	EPA 7473	02/14/2014 15:17	02/14/2014 23:19	ALD

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	**89.4**		%	0.100	0.100	1	SM 2540G	02/14/2014 15:08	02/17/2014 11:15	AA

Sample Information

Client Sample ID: **SP-1 (0'-2')** **York Sample ID:** **14B0226-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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	0.392	0.559	1	EPA 7196A	02/17/2014 07:32	02/17/2014 14:32	SC

Sample Information

Client Sample ID: **SP-1 (6'-8')** **York Sample ID:** **14B0226-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS

Sample Information

Client Sample ID: **SP-1 (6'-8')** **York Sample ID:** **14B0226-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	23	46	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
78-93-3	2-Butanone	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
67-64-1	Acetone	ND		ug/kg dry	1.1	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
71-43-2	Benzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
75-25-2	Bromoform	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
67-66-3	Chloroform	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
74-87-3	Chloromethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
74-95-3	Dibromomethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
75-09-2	Methylene chloride	ND		ug/kg dry	1.1	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.1	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS

Sample Information

Client Sample ID: **SP-1 (6'-8')** **York Sample ID:** **14B0226-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
100-42-5	Styrene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
108-88-3	Toluene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.4	6.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	1.1	2.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 17:56	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*117 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.8 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*85-118*

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	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
62-53-3	Aniline	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
120-12-7	Anthracene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	89.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR

Sample Information

Client Sample ID: **SP-1 (6'-8')** **York Sample ID:** **14B0226-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	89.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	89.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	89.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
218-01-9	Chrysene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	178	355	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	89.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	178	356	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	89.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
206-44-0	Fluoranthene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR

Sample Information

Client Sample ID: **SP-1 (6'-8')** **York Sample ID:** **14B0226-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
86-73-7	Fluorene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	89.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
78-59-1	Isophorone	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	89.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	89.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
91-20-3	Naphthalene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	89.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	89.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
85-01-8	Phenanthrene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
108-95-2	Phenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
129-00-0	Pyrene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
110-86-1	Pyridine	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:11	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*46.7 %*	*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*49.7 %*	*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*49.6 %*	*10-148*

Sample Information

Client Sample ID: **SP-1 (6'-8')** **York Sample ID:** **14B0226-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*54.0 %*			*10-111*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*66.1 %*			*10-142*						
1718-51-0	*Surrogate: Terphenyl-d14*	*59.8 %*			*10-147*						

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	89.1	89.1	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:01	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.81	8.81	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:01	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:01	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:01	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:01	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:01	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:01	JW
72-20-8	Endrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:01	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:01	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:01	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:01	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:01	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:01	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.04	7.04	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:01	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:01	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:01	JW
309-00-2	Aldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:01	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:01	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:01	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:01	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 21:14	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 21:14	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 21:14	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 21:14	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 21:14	JW

Sample Information

Client Sample ID: **SP-1 (6'-8')** **York Sample ID:** **14B0226-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 21:14	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 21:14	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.26	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 21:14	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.9 %*	*30-140*

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	**27000**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7440-36-0	Antimony	**2.40**		mg/kg dry	0.534	0.534	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7440-38-2	Arsenic	**4.16**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7440-39-3	Barium	**543**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7440-43-9	Cadmium	**2.22**		mg/kg dry	0.320	0.320	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7440-70-2	Calcium	**6220**		mg/kg dry	0.534	5.34	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7440-47-3	Chromium	**81.6**		mg/kg dry	0.534	0.534	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7440-48-4	Cobalt	**23.6**		mg/kg dry	0.534	0.534	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7440-50-8	Copper	**25.5**		mg/kg dry	0.534	0.534	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7439-89-6	Iron	**41400**		mg/kg dry	2.13	2.13	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7439-92-1	Lead	**8.08**		mg/kg dry	0.320	0.320	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7439-95-4	Magnesium	**14800**		mg/kg dry	5.34	5.34	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7439-96-5	Manganese	**377**		mg/kg dry	0.534	0.534	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7440-02-0	Nickel	**31.3**		mg/kg dry	0.534	0.534	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7440-09-7	Potassium	**18900**		mg/kg dry	53.4	53.4	10	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7782-49-2	Selenium	**2.47**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7440-22-4	Silver	ND		mg/kg dry	0.534	0.534	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7440-23-5	Sodium	**227**		mg/kg dry	10.7	10.7	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7440-62-2	Vanadium	**102**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW
7440-66-6	Zinc	**92.9**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:23	MW

Sample Information

Client Sample ID: **SP-1 (6'-8')** **York Sample ID:** **14B0226-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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	0.0320	0.0320	1	EPA 7473	02/14/2014 15:17	02/14/2014 23:28	ALD

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	**93.7**		%	0.100	0.100	1	SM 2540G	02/14/2014 15:08	02/17/2014 11:15	AA

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	0.374	0.534	1	EPA 7196A	02/17/2014 07:32	02/17/2014 14:32	SC

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **14B0226-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **14B0226-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	96	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
78-93-3	2-Butanone	**4.0**	J	ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
67-64-1	Acetone	**54**		ug/kg dry	2.4	9.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **14B0226-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.4	9.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.4	9.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.2	14	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:09	02/12/2014 18:31	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*111 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.0 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-118*

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **14B0226-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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

Sample Prepared by Method: EPA 3545A

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	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
62-53-3	Aniline	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
120-12-7	Anthracene	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
205-99-2	Benzo(b)fluoranthene	**409**	J	ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	688	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
207-08-9	Benzo(k)fluoranthene	**396**	J	ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	688	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	688	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	688	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
218-01-9	Chrysene	**644**	J	ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1370	2730	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	688	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **14B0226-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	688	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1370	2730	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	688	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
206-44-0	Fluoranthene	**903**	J	ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
86-73-7	Fluorene	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	688	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
78-59-1	Isophorone	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	688	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	688	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
91-20-3	Naphthalene	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	688	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	688	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	688	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	688	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	688	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
85-01-8	Phenanthrene	**450**	J	ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
108-95-2	Phenol	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
129-00-0	Pyrene	**753**	J	ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **14B0226-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-86-1	Pyridine	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	344	1360	5	EPA 8270D	02/14/2014 17:00	02/17/2014 12:22	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*38.8 %*	*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*61.5 %*	*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*68.2 %*	*10-148*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*95.9 %*	*10-111*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*36.6 %*	*10-142*
1718-51-0	*Surrogate: Terphenyl-d14*	*90.8 %*	*10-147*

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	91.2	91.2	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:44	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.01	9.01	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:44	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:44	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:44	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:44	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:44	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:44	JW
72-20-8	Endrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:44	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:44	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:44	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:44	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:44	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:44	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.21	7.21	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:44	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:44	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:44	JW
309-00-2	Aldrin	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:44	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:44	JW

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **14B0226-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
72-55-9	4,4'-DDE	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:44	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.80	1.80	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:44	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 10:58	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 10:58	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 10:58	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 10:58	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 10:58	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 10:58	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.6	18.6	1	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 10:58	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.42	18.6	1	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 10:58	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.1 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.0 %*	*30-140*

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	**5730**		mg/kg dry	1.09	1.09	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW
7440-36-0	Antimony	**1.02**		mg/kg dry	0.546	0.546	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW
7440-38-2	Arsenic	**5.93**		mg/kg dry	1.09	1.09	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW
7440-39-3	Barium	**178**		mg/kg dry	1.09	1.09	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.109	0.109	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW
7440-43-9	Cadmium	**0.594**		mg/kg dry	0.328	0.328	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW
7440-70-2	Calcium	**86100**		mg/kg dry	0.546	5.46	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW
7440-47-3	Chromium	**27.3**		mg/kg dry	0.546	0.546	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW
7440-48-4	Cobalt	**4.56**		mg/kg dry	0.546	0.546	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW
7440-50-8	Copper	**16.2**		mg/kg dry	0.546	0.546	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW
7439-89-6	Iron	**7360**		mg/kg dry	2.18	2.18	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW
7439-92-1	Lead	**142**		mg/kg dry	0.328	0.328	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW
7439-95-4	Magnesium	**11200**		mg/kg dry	5.46	5.46	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW
7439-96-5	Manganese	**141**		mg/kg dry	0.546	0.546	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW
7440-02-0	Nickel	**19.0**		mg/kg dry	0.546	0.546	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW
7440-09-7	Potassium	**1370**		mg/kg dry	5.46	5.46	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW

Sample Information

Client Sample ID: **SP-2 (0'-2')** **York Sample ID:** **14B0226-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
7782-49-2	Selenium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW
7440-22-4	Silver	ND		mg/kg dry	0.546	0.546	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW
7440-23-5	Sodium	**667**		mg/kg dry	10.9	10.9	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW
7440-28-0	Thallium	ND		mg/kg dry	1.09	1.09	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW
7440-62-2	Vanadium	**18.6**		mg/kg dry	1.09	1.09	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	MW
7440-66-6	Zinc	**88.3**		mg/kg dry	1.09	1.09	1	EPA 6010C	02/17/2014 08:45	02/17/2014 11:58	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	**0.0548**		mg/kg dry	0.0328	0.0328	1	EPA 7473	02/17/2014 07:22	02/17/2014 12:16	ALD

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	**91.6**		%	0.100	0.100	1	SM 2540G	02/17/2014 09:54	02/17/2014 13:26	AA

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	0.382	0.546	1	EPA 7196A	02/17/2014 07:32	02/17/2014 14:32	SC

Sample Information

Client Sample ID: **SP-2 (4'-6')** **York Sample ID:** **14B0226-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS

Sample Information

Client Sample ID: **SP-2 (4'-6')** **York Sample ID:** **14B0226-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	91	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
78-93-3	2-Butanone	**4.3**	J	ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
67-64-1	Acetone	**62**		ug/kg dry	2.3	9.1	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS

Sample Information

Client Sample ID: **SP-2 (4'-6')** **York Sample ID:** **14B0226-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.3	9.1	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.1	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.1	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS

Sample Information

Client Sample ID: **SP-2 (4'-6')** **York Sample ID:** **14B0226-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:06	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.2 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*85-118*

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

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	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
62-53-3	Aniline	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
120-12-7	Anthracene	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
56-55-3	Benzo(a)anthracene	**143**	J	ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
50-32-8	Benzo(a)pyrene	**129**	J	ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
205-99-2	Benzo(b)fluoranthene	**160**	J	ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	132	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
207-08-9	Benzo(k)fluoranthene	**115**	J	ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	132	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
85-68-7	Benzyl butyl phthalate	**826**		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	132	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	132	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
218-01-9	Chrysene	**250**	J	ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR

Sample Information

Client Sample ID: **SP-2 (4'-6')** **York Sample ID:** **14B0226-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	262	523	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	132	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	132	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	262	523	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	132	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
206-44-0	Fluoranthene	**327**		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
86-73-7	Fluorene	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	132	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**68.0**	J	ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
78-59-1	Isophorone	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	132	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	132	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
91-20-3	Naphthalene	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	132	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	132	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR

Sample Information

Client Sample ID: **SP-2 (4'-6')** **York Sample ID:** **14B0226-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-95-3	Nitrobenzene	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	132	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	132	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	132	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
85-01-8	Phenanthrene	**182**	J	ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
108-95-2	Phenol	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
129-00-0	Pyrene	**272**		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
110-86-1	Pyridine	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	65.9	262	1	EPA 8270D	02/14/2014 17:00	02/17/2014 12:54	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*12.0 %*		*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*28.2 %*		*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*30.5 %*		*10-148*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*39.9 %*		*10-111*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*4.70 %*	S-04	*10-142*
1718-51-0	*Surrogate: Terphenyl-d14*	*37.3 %*		*10-147*

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	87.4	87.4	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:59	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.63	8.63	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:59	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.73	1.73	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:59	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.73	1.73	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:59	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.73	1.73	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:59	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.73	1.73	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:59	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.73	1.73	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:59	JW
72-20-8	Endrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:59	JW

Sample Information

Client Sample ID: **SP-2 (4'-6')** **York Sample ID:** **14B0226-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.73	1.73	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:59	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.73	1.73	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:59	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.73	1.73	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:59	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:59	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:59	JW
57-74-9	Chlordane, total	ND		ug/kg dry	6.91	6.91	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:59	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:59	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.73	1.73	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:59	JW
309-00-2	Aldrin	ND		ug/kg dry	1.73	1.73	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:59	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.73	1.73	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:59	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.73	1.73	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:59	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.73	1.73	5	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 12:59	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	17.8	17.8	1	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 11:17	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	17.8	17.8	1	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 11:17	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	17.8	17.8	1	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 11:17	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	17.8	17.8	1	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 11:17	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	17.8	17.8	1	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 11:17	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	17.8	17.8	1	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 11:17	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	17.8	17.8	1	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 11:17	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.12	17.8	1	EPA 8081B/8082A	02/14/2014 19:00	02/17/2014 11:17	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.1 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.7 %*	*30-140*

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	**8080**		mg/kg dry	1.05	1.05	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW
7440-36-0	Antimony	**0.796**		mg/kg dry	0.523	0.523	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW
7440-38-2	Arsenic	**4.22**		mg/kg dry	1.05	1.05	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW
7440-39-3	Barium	**123**		mg/kg dry	1.05	1.05	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.105	0.105	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW

Sample Information

Client Sample ID: **SP-2 (4'-6')** **York Sample ID:** **14B0226-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
7440-43-9	Cadmium	**0.681**		mg/kg dry	0.314	0.314	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW
7440-70-2	Calcium	**55000**		mg/kg dry	0.523	5.23	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW
7440-47-3	Chromium	**36.7**		mg/kg dry	0.523	0.523	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW
7440-48-4	Cobalt	**6.27**		mg/kg dry	0.523	0.523	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW
7440-50-8	Copper	**19.7**		mg/kg dry	0.523	0.523	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW
7439-89-6	Iron	**11300**		mg/kg dry	2.09	2.09	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW
7439-92-1	Lead	**53.0**		mg/kg dry	0.314	0.314	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW
7439-95-4	Magnesium	**8700**		mg/kg dry	5.23	5.23	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW
7439-96-5	Manganese	**208**		mg/kg dry	0.523	0.523	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW
7440-02-0	Nickel	**21.0**		mg/kg dry	0.523	0.523	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW
7440-09-7	Potassium	**2440**		mg/kg dry	5.23	5.23	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW
7782-49-2	Selenium	**1.09**		mg/kg dry	1.05	1.05	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW
7440-22-4	Silver	ND		mg/kg dry	0.523	0.523	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW
7440-23-5	Sodium	**606**		mg/kg dry	10.5	10.5	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW
7440-28-0	Thallium	ND		mg/kg dry	1.05	1.05	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW
7440-62-2	Vanadium	**21.6**		mg/kg dry	1.05	1.05	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	MW
7440-66-6	Zinc	**94.6**		mg/kg dry	1.05	1.05	1	EPA 6010C	02/17/2014 08:45	02/17/2014 12:02	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	**0.0613**		mg/kg dry	0.0314	0.0314	1	EPA 7473	02/17/2014 07:22	02/17/2014 12:25	ALD

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	**95.6**		%	0.100	0.100	1	SM 2540G	02/17/2014 09:54	02/17/2014 13:26	AA

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	0.366	0.523	1	EPA 7196A	02/17/2014 07:32	02/17/2014 14:32	SC

Sample Information

Client Sample ID: **SP-3 (0'-2')** **York Sample ID:** **14B0226-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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	02/12/2014 08:09	02/12/2014 19:41	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
78-93-3	2-Butanone	**5.6**		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
67-64-1	Acetone	**81**		ug/kg dry	2.7	11	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS

Sample Information

Client Sample ID: **SP-3 (0'-2')** **York Sample ID:** **14B0226-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.7	11	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS

Sample Information

Client Sample ID: **SP-3 (0'-2')** **York Sample ID:** **14B0226-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 19:41	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*112 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.3 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*106 %*	*85-118*

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	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
62-53-3	Aniline	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
120-12-7	Anthracene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	467	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	467	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	467	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	467	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR

Sample Information

Client Sample ID: **SP-3 (0'-2')** **York Sample ID:** **14B0226-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
218-01-9	Chrysene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	929	1850	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	467	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	467	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	929	1850	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	467	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
206-44-0	Fluoranthene	**247**	J	ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
86-73-7	Fluorene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	467	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
78-59-1	Isophorone	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	467	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	467	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
91-20-3	Naphthalene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	467	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR

Sample Information

Client Sample ID: **SP-3 (0'-2')** **York Sample ID:** **14B0226-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
88-74-4	2-Nitroaniline	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	467	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	467	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	467	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	467	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
85-01-8	Phenanthrene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
108-95-2	Phenol	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
129-00-0	Pyrene	**241**	J	ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
110-86-1	Pyridine	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	234	927	5	EPA 8270D	02/12/2014 07:15	02/14/2014 23:51	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*44.3 %*	*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*64.1 %*	*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*55.2 %*	*10-148*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*89.3 %*	*10-111*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*67.7 %*	*10-142*
1718-51-0	*Surrogate: Terphenyl-d14*	*111 %*	*10-147*

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	92.9	92.9	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:16	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.18	9.18	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:16	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:16	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:16	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:16	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:16	JW

Sample Information

Client Sample ID: **SP-3 (0'-2')** **York Sample ID:** **14B0226-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:16	JW
72-20-8	Endrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:16	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:16	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:16	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:16	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:16	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:16	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.34	7.34	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:16	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:16	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:16	JW
309-00-2	Aldrin	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:16	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:16	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:16	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.84	1.84	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:16	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 21:43	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 21:43	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 21:43	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 21:43	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 21:43	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 21:43	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.9	18.9	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 21:43	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.57	18.9	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 21:43	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*38.9 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.6 %*	*30-140*

Sample Information

Client Sample ID: **SP-3 (0'-2')** **York Sample ID:** **14B0226-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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	**7380**		mg/kg dry	1.11	1.11	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7440-36-0	Antimony	**0.748**		mg/kg dry	0.556	0.556	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7440-38-2	Arsenic	**4.56**		mg/kg dry	1.11	1.11	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7440-39-3	Barium	**72.0**		mg/kg dry	1.11	1.11	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7440-43-9	Cadmium	**0.563**		mg/kg dry	0.334	0.334	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7440-70-2	Calcium	**65300**		mg/kg dry	0.556	5.56	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7440-47-3	Chromium	**22.0**		mg/kg dry	0.556	0.556	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7440-48-4	Cobalt	**5.72**		mg/kg dry	0.556	0.556	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7440-50-8	Copper	**26.2**		mg/kg dry	0.556	0.556	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7439-89-6	Iron	**11800**		mg/kg dry	2.23	2.23	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7439-92-1	Lead	**21.2**		mg/kg dry	0.334	0.334	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7439-95-4	Magnesium	**8410**		mg/kg dry	5.56	5.56	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7439-96-5	Manganese	**179**		mg/kg dry	0.556	0.556	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7440-02-0	Nickel	**15.0**		mg/kg dry	0.556	0.556	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7440-09-7	Potassium	**2360**		mg/kg dry	5.56	5.56	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7782-49-2	Selenium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7440-22-4	Silver	ND		mg/kg dry	0.556	0.556	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7440-23-5	Sodium	**750**		mg/kg dry	11.1	11.1	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7440-62-2	Vanadium	**30.6**		mg/kg dry	1.11	1.11	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	MW
7440-66-6	Zinc	**50.0**		mg/kg dry	1.11	1.11	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:40	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	0.0334	0.0334	1	EPA 7473	02/14/2014 15:17	02/14/2014 23:37	ALD

Sample Information

Client Sample ID: **SP-3 (0'-2')** **York Sample ID:** **14B0226-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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	**89.9**		%	0.100	0.100	1	SM 2540G	02/14/2014 15:08	02/17/2014 11:15	AA

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	0.389	0.556	1	EPA 7196A	02/17/2014 07:32	02/17/2014 14:32	SC

Sample Information

Client Sample ID: **SP-3 (6'-8')** **York Sample ID:** **14B0226-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS

Sample Information

Client Sample ID: **SP-3 (6'-8')** **York Sample ID:** **14B0226-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	54	110	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
67-64-1	Acetone	**5.6**	J	ug/kg dry	2.7	11	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS

Sample Information

Client Sample ID: **SP-3 (6'-8')** **York Sample ID:** **14B0226-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.7	11	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.4	11	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.7	5.4	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:16	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*112 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.5 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*107 %*	*85-118*

Sample Information

Client Sample ID: **SP-3 (6'-8')** **York Sample ID:** **14B0226-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
62-53-3	Aniline	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
120-12-7	Anthracene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	90.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	90.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	90.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	90.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
218-01-9	Chrysene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	179	357	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	90.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR

Sample Information

Client Sample ID: **SP-3 (6'-8')** **York Sample ID:** **14B0226-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	90.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	179	358	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	90.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
206-44-0	Fluoranthene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
86-73-7	Fluorene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	90.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
78-59-1	Isophorone	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	90.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	90.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
91-20-3	Naphthalene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	90.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	90.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
85-01-8	Phenanthrene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR

Sample Information

Client Sample ID: **SP-3 (6'-8')** **York Sample ID:** **14B0226-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
108-95-2	Phenol	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
129-00-0	Pyrene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
110-86-1	Pyridine	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.1	179	1	EPA 8270D	02/12/2014 07:15	02/12/2014 20:41	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*53.2 %*	*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*63.0 %*	*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*64.8 %*	*10-148*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*65.0 %*	*10-111*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*48.5 %*	*10-142*
1718-51-0	*Surrogate: Terphenyl-d14*	*67.3 %*	*10-147*

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	89.6	89.6	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:31	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.85	8.85	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:31	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:31	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:31	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:31	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:31	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:31	JW
72-20-8	Endrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:31	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:31	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:31	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:31	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:31	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:31	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.08	7.08	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:31	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:31	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:31	JW

Sample Information

Client Sample ID: **SP-3 (6'-8')** **York Sample ID:** **14B0226-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
309-00-2	Aldrin	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:31	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:31	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:31	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.77	1.77	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:31	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 22:13	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 22:13	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 22:13	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 22:13	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 22:13	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 22:13	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.2	18.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 22:13	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.29	18.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 22:13	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*43.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.3 %*	*30-140*

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	**12000**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW
7440-36-0	Antimony	**0.554**		mg/kg dry	0.536	0.536	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW
7440-38-2	Arsenic	**2.90**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW
7440-39-3	Barium	**99.3**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW
7440-43-9	Cadmium	**0.787**		mg/kg dry	0.322	0.322	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW
7440-70-2	Calcium	**52500**		mg/kg dry	0.536	5.36	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW
7440-47-3	Chromium	**19.3**		mg/kg dry	0.536	0.536	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW
7440-48-4	Cobalt	**9.95**		mg/kg dry	0.536	0.536	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW
7440-50-8	Copper	**75.3**		mg/kg dry	0.536	0.536	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW
7439-89-6	Iron	**21900**		mg/kg dry	2.15	2.15	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW
7439-92-1	Lead	**12.2**		mg/kg dry	0.322	0.322	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW
7439-95-4	Magnesium	**6550**		mg/kg dry	5.36	5.36	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW
7439-96-5	Manganese	**210**		mg/kg dry	0.536	0.536	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW

Sample Information

Client Sample ID: **SP-3 (6'-8')** **York Sample ID:** **14B0226-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
7440-02-0	Nickel	**22.1**		mg/kg dry	0.536	0.536	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW
7440-09-7	Potassium	**2330**		mg/kg dry	5.36	5.36	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW
7782-49-2	Selenium	**1.38**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW
7440-22-4	Silver	ND		mg/kg dry	0.536	0.536	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW
7440-23-5	Sodium	**281**		mg/kg dry	10.7	10.7	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW
7440-62-2	Vanadium	**53.7**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	MW
7440-66-6	Zinc	**46.1**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:44	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	0.0322	0.0322	1	EPA 7473	02/14/2014 15:17	02/14/2014 23:46	ALD

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	**93.2**		%	0.100	0.100	1	SM 2540G	02/14/2014 15:08	02/17/2014 11:15	AA

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	0.375	0.536	1	EPA 7196A	02/17/2014 07:32	02/17/2014 14:32	SC

Sample Information

Client Sample ID: **SP-4 (0'-2')** **York Sample ID:** **14B0226-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

Volatile Organics, 8260 List

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

Sample Information

Client Sample ID: **SP-4 (0'-2')** **York Sample ID:** **14B0226-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	55	110	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
78-93-3	2-Butanone	**10**		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
67-64-1	Acetone	**110**		ug/kg dry	2.7	11	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS

Sample Information

Client Sample ID: **SP-4 (0'-2')** **York Sample ID:** **14B0226-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.7	11	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
91-20-3	Naphthalene	**11**	J	ug/kg dry	2.7	11	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.5	11	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS

Sample Information

Client Sample ID: **SP-4 (0'-2')** **York Sample ID:** **14B0226-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.2	16	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.7	5.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 20:51	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*113 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.3 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*85-118*

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	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
62-53-3	Aniline	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
120-12-7	Anthracene	**620**	J	ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
56-55-3	Benzo(a)anthracene	**1590**	J	ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
50-32-8	Benzo(a)pyrene	**1320**	J	ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
205-99-2	Benzo(b)fluoranthene	**1540**	J	ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	947	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
207-08-9	Benzo(k)fluoranthene	**1000**	J	ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	947	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	947	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	947	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
218-01-9	Chrysene	**2210**		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR

Sample Information

Client Sample ID: **SP-4 (0'-2')** **York Sample ID:** **14B0226-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
132-64-9	Dibenzofuran	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1880	3750	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	947	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	947	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1880	3760	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	947	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
206-44-0	Fluoranthene	**3080**		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
86-73-7	Fluorene	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	947	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
78-59-1	Isophorone	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	947	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	947	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
91-20-3	Naphthalene	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	947	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	947	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR

Sample Information

Client Sample ID: **SP-4 (0'-2')** **York Sample ID:** **14B0226-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
98-95-3	Nitrobenzene	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	947	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	947	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	947	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
85-01-8	Phenanthrene	**3370**		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
108-95-2	Phenol	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
129-00-0	Pyrene	**3290**		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
110-86-1	Pyridine	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	474	1880	10	EPA 8270D	02/12/2014 07:15	02/15/2014 00:21	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*15.2 %*		*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*34.8 %*		*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*51.8 %*		*10-148*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*73.8 %*		*10-111*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*8.74 %*	S-06	*10-142*
1718-51-0	*Surrogate: Terphenyl-d14*	*64.3 %*		*10-147*

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	94.1	94.1	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:46	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.30	9.30	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:46	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:46	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:46	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:46	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:46	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:46	JW
72-20-8	Endrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:46	JW

Sample Information

Client Sample ID: **SP-4 (0'-2')** **York Sample ID:** **14B0226-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:46	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:46	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:46	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:46	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:46	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.44	7.44	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:46	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:46	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:46	JW
309-00-2	Aldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:46	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:46	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:46	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 14:46	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 22:42	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 22:42	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 22:42	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 22:42	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 22:42	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 22:42	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 22:42	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.67	19.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 22:42	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.0 %*	*30-140*

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	**6870**		mg/kg dry	1.13	1.13	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW
7440-36-0	Antimony	**0.600**		mg/kg dry	0.564	0.564	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW
7440-38-2	Arsenic	**3.80**		mg/kg dry	1.13	1.13	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW
7440-39-3	Barium	**125**		mg/kg dry	1.13	1.13	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW

Sample Information

Client Sample ID: **SP-4 (0'-2')** **York Sample ID:** **14B0226-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
7440-43-9	Cadmium	**0.574**		mg/kg dry	0.338	0.338	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW
7440-70-2	Calcium	**78600**		mg/kg dry	0.564	5.64	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW
7440-47-3	Chromium	**17.2**		mg/kg dry	0.564	0.564	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW
7440-48-4	Cobalt	**5.15**		mg/kg dry	0.564	0.564	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW
7440-50-8	Copper	**18.1**		mg/kg dry	0.564	0.564	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW
7439-89-6	Iron	**11400**		mg/kg dry	2.25	2.25	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW
7439-92-1	Lead	**72.6**		mg/kg dry	0.338	0.338	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW
7439-95-4	Magnesium	**12300**		mg/kg dry	5.64	5.64	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW
7439-96-5	Manganese	**184**		mg/kg dry	0.564	0.564	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW
7440-02-0	Nickel	**9.85**		mg/kg dry	0.564	0.564	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW
7440-09-7	Potassium	**2330**		mg/kg dry	5.64	5.64	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW
7782-49-2	Selenium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW
7440-22-4	Silver	ND		mg/kg dry	0.564	0.564	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW
7440-23-5	Sodium	**545**		mg/kg dry	11.3	11.3	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW
7440-62-2	Vanadium	**28.8**		mg/kg dry	1.13	1.13	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	MW
7440-66-6	Zinc	**79.4**		mg/kg dry	1.13	1.13	1	EPA 6010C	02/12/2014 13:28	02/12/2014 17:49	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	**0.0627**		mg/kg dry	0.0338	0.0338	1	EPA 7473	02/14/2014 15:17	02/14/2014 23:55	ALD

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	02/14/2014 15:08	02/17/2014 11:15	AA

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	02/17/2014 07:32	02/17/2014 14:32	SC

Sample Information

Client Sample ID: **SP-4 (6'-8')** **York Sample ID:** **14B0226-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	43	87	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
67-64-1	Acetone	**6.3**	J	ug/kg dry	2.2	8.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS

Sample Information

Client Sample ID: **SP-4 (6'-8')** **York Sample ID:** **14B0226-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.2	8.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.2	8.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.3	8.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS

Sample Information

Client Sample ID: **SP-4 (6'-8')** **York Sample ID:** **14B0226-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.5	13	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.2	4.3	1	EPA 8260C	02/12/2014 08:09	02/12/2014 21:26	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*112 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.9 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*85-118*

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	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
62-53-3	Aniline	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
120-12-7	Anthracene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR

Sample Information

Client Sample ID: **SP-4 (6'-8')** **York Sample ID:** **14B0226-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
218-01-9	Chrysene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	178	355	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	178	355	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
206-44-0	Fluoranthene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
86-73-7	Fluorene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
78-59-1	Isophorone	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
91-20-3	Naphthalene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR

Sample Information

Client Sample ID: **SP-4 (6'-8')** **York Sample ID:** **14B0226-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
88-74-4	2-Nitroaniline	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
85-01-8	Phenanthrene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
108-95-2	Phenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
129-00-0	Pyrene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
110-86-1	Pyridine	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.8	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:12	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*46.4 %*	*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*48.8 %*	*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*49.6 %*	*10-148*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*55.4 %*	*10-111*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*67.9 %*	*10-142*
1718-51-0	*Surrogate: Terphenyl-d14*	*56.2 %*	*10-147*

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	89.0	89.0	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:01	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.79	8.79	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:01	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:01	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:01	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:01	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:01	JW

Sample Information

Client Sample ID: **SP-4 (6'-8')** **York Sample ID:** **14B0226-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:01	JW
72-20-8	Endrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:01	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:01	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:01	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:01	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:01	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:01	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.03	7.03	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:01	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:01	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:01	JW
309-00-2	Aldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:01	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:01	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:01	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:01	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 23:11	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 23:11	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 23:11	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 23:11	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 23:11	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 23:11	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 23:11	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.25	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 23:11	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.3 %*	*30-140*

Sample Information

Client Sample ID: **SP-4 (6'-8')** **York Sample ID:** **14B0226-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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	**33700**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7440-36-0	Antimony	**2.45**		mg/kg dry	0.533	0.533	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7440-38-2	Arsenic	**5.67**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7440-39-3	Barium	**250**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7440-43-9	Cadmium	**3.16**		mg/kg dry	0.320	0.320	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7440-70-2	Calcium	**2170**		mg/kg dry	0.533	5.33	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7440-47-3	Chromium	**79.1**		mg/kg dry	0.533	0.533	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7440-48-4	Cobalt	**26.8**		mg/kg dry	0.533	0.533	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7440-50-8	Copper	**46.9**		mg/kg dry	0.533	0.533	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7439-89-6	Iron	**52500**		mg/kg dry	21.3	21.3	10	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7439-92-1	Lead	**4.69**		mg/kg dry	0.320	0.320	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7439-95-4	Magnesium	**15700**		mg/kg dry	5.33	5.33	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7439-96-5	Manganese	**473**		mg/kg dry	0.533	0.533	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7440-02-0	Nickel	**36.2**		mg/kg dry	0.533	0.533	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7440-09-7	Potassium	**24000**		mg/kg dry	53.3	53.3	10	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7782-49-2	Selenium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7440-22-4	Silver	ND		mg/kg dry	0.533	0.533	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7440-23-5	Sodium	**136**		mg/kg dry	10.7	10.7	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7440-62-2	Vanadium	**159**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	MW
7440-66-6	Zinc	**178**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:07	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	**0.0518**		mg/kg dry	0.0320	0.0320	1	EPA 7473	02/14/2014 15:17	02/15/2014 00:04	ALD

Sample Information

Client Sample ID: **SP-4 (6'-8')** **York Sample ID:** **14B0226-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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	**93.8**		%	0.100	0.100	1	SM 2540G	02/14/2014 15:08	02/17/2014 11:15	AA

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	0.373	0.533	1	EPA 7196A	02/17/2014 07:32	02/17/2014 14:32	SC

Sample Information

Client Sample ID: **SP-5 (0'-2')** **York Sample ID:** **14B0226-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS

Sample Information

Client Sample ID: **SP-5 (0'-2')** **York Sample ID:** **14B0226-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	47	95	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
67-64-1	Acetone	**19**		ug/kg dry	2.4	9.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS

Sample Information

Client Sample ID: **SP-5 (0'-2')** **York Sample ID:** **14B0226-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.4	9.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.4	9.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.7	9.5	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
108-88-3	Toluene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.4	4.7	1	EPA 8260C	02/12/2014 08:09	02/12/2014 22:02	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.7 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*	*85-118*

Sample Information

Client Sample ID: **SP-5 (0'-2')** **York Sample ID:** **14B0226-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
62-53-3	Aniline	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
120-12-7	Anthracene	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
56-55-3	Benzo(a)anthracene	**257**	J	ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	474	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	474	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	474	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	474	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
218-01-9	Chrysene	**359**	J	ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	942	1880	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	474	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR

Sample Information

Client Sample ID: **SP-5 (0'-2')** **York Sample ID:** **14B0226-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
131-11-3	Dimethyl phthalate	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	474	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	942	1880	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	474	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
117-81-7	Bis(2-ethylhexyl)phthalate	**372**	J	ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
206-44-0	Fluoranthene	**513**	J	ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
86-73-7	Fluorene	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	474	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
78-59-1	Isophorone	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	474	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	474	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
91-20-3	Naphthalene	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	474	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	474	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	474	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	474	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	474	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
85-01-8	Phenanthrene	**329**	J	ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
108-95-2	Phenol	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
129-00-0	Pyrene	**502**	J	ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR

Sample Information

Client Sample ID: **SP-5 (0'-2')** **York Sample ID:** **14B0226-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
110-86-1	Pyridine	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	237	940	5	EPA 8270D	02/12/2014 07:15	02/15/2014 01:53	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*44.7 %*	*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*58.5 %*	*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*51.3 %*	*10-148*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*78.1 %*	*10-111*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*94.0 %*	*10-142*
1718-51-0	*Surrogate: Terphenyl-d14*	*70.4 %*	*10-147*

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	02/12/2014 07:04	02/13/2014 15:16	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.30	9.30	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:16	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:16	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:16	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:16	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:16	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:16	JW
72-20-8	Endrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:16	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:16	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:16	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:16	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:16	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:16	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.44	7.44	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:16	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:16	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:16	JW
309-00-2	Aldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:16	JW
50-29-3	4,4'-DDT	**4.15**		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:16	JW

Sample Information

Client Sample ID: **SP-5 (0'-2')** **York Sample ID:** **14B0226-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
72-55-9	4,4'-DDE	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:16	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:16	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 23:40	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 23:40	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 23:40	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 23:40	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 23:40	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 23:40	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.2	19.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 23:40	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.67	19.2	1	EPA 8081B/8082A	02/12/2014 07:04	02/12/2014 23:40	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.2 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*55.9 %*	*30-140*

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	**7660**		mg/kg dry	1.13	1.13	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW
7440-36-0	Antimony	**0.723**		mg/kg dry	0.564	0.564	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW
7440-38-2	Arsenic	**5.08**		mg/kg dry	1.13	1.13	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW
7440-39-3	Barium	**110**		mg/kg dry	1.13	1.13	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW
7440-43-9	Cadmium	**0.808**		mg/kg dry	0.338	0.338	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW
7440-70-2	Calcium	**48900**		mg/kg dry	0.564	5.64	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW
7440-47-3	Chromium	**15.1**		mg/kg dry	0.564	0.564	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW
7440-48-4	Cobalt	**4.65**		mg/kg dry	0.564	0.564	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW
7440-50-8	Copper	**31.1**		mg/kg dry	0.564	0.564	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW
7439-89-6	Iron	**17000**		mg/kg dry	2.26	2.26	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW
7439-92-1	Lead	**84.0**		mg/kg dry	0.338	0.338	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW
7439-95-4	Magnesium	**3920**		mg/kg dry	5.64	5.64	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW
7439-96-5	Manganese	**228**		mg/kg dry	0.564	0.564	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW
7440-02-0	Nickel	**8.27**		mg/kg dry	0.564	0.564	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW
7440-09-7	Potassium	**1500**		mg/kg dry	5.64	5.64	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW
7782-49-2	Selenium	**2.15**		mg/kg dry	1.13	1.13	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW

Sample Information

Client Sample ID: **SP-5 (0'-2')** **York Sample ID:** **14B0226-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 10, 2014 3:00 pm	02/11/2014

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
7440-22-4	Silver	ND		mg/kg dry	0.564	0.564	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW
7440-23-5	Sodium	**901**		mg/kg dry	11.3	11.3	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW
7440-62-2	Vanadium	**30.2**		mg/kg dry	1.13	1.13	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	MW
7440-66-6	Zinc	**124**		mg/kg dry	1.13	1.13	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:14	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	**0.197**		mg/kg dry	0.0338	0.0338	1	EPA 7473	02/14/2014 15:17	02/15/2014 00:13	ALD

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	02/14/2014 15:08	02/17/2014 11:15	AA

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	02/17/2014 07:32	02/17/2014 14:32	SC

Sample Information

Client Sample ID: **SP-5 (6'-8')** **York Sample ID:** **14B0226-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS

Sample Information

Client Sample ID: **SP-5 (6'-8')** **York Sample ID:** **14B0226-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	81	160	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
78-93-3	2-Butanone	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
67-64-1	Acetone	**13**	CCV-E, J, B	ug/kg dry	4.1	16	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
71-43-2	Benzene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
108-86-1	Bromobenzene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
75-25-2	Bromoform	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
74-83-9	Bromomethane	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS

Sample Information

Client Sample ID: **SP-5 (6'-8')** **York Sample ID:** **14B0226-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
56-23-5	Carbon tetrachloride	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
75-00-3	Chloroethane	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
67-66-3	Chloroform	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
74-87-3	Chloromethane	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
74-95-3	Dibromomethane	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
75-09-2	Methylene chloride	ND		ug/kg dry	4.1	16	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
91-20-3	Naphthalene	ND		ug/kg dry	4.1	16	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
95-47-6	o-Xylene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	8.1	16	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
100-42-5	Styrene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
108-88-3	Toluene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS

Sample Information

Client Sample ID: **SP-5 (6'-8')** **York Sample ID:** **14B0226-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
1330-20-7	Xylenes, Total	ND		ug/kg dry	12	24	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	4.1	8.1	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:16	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.4 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.1 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*94.9 %*	*85-118*

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	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
62-53-3	Aniline	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
120-12-7	Anthracene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	96.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	96.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	96.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	96.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
218-01-9	Chrysene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR

Sample Information

Client Sample ID: **SP-5 (6'-8')** **York Sample ID:** **14B0226-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
132-64-9	Dibenzofuran	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	191	380	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	96.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	96.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	191	381	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	96.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
206-44-0	Fluoranthene	**58.6**	J	ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
86-73-7	Fluorene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	96.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
78-59-1	Isophorone	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	96.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	96.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
91-20-3	Naphthalene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	96.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	96.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR

Sample Information

Client Sample ID: **SP-5 (6'-8')** **York Sample ID:** **14B0226-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
98-95-3	Nitrobenzene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	96.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	96.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	96.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
85-01-8	Phenanthrene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
108-95-2	Phenol	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
129-00-0	Pyrene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
110-86-1	Pyridine	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.0	190	1	EPA 8270D	02/12/2014 07:15	02/12/2014 21:42	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*60.9 %*	*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*69.2 %*	*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*66.3 %*	*10-148*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*69.5 %*	*10-111*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*77.8 %*	*10-142*
1718-51-0	*Surrogate: Terphenyl-d14*	*69.0 %*	*10-147*

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	95.4	95.4	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:32	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.42	9.42	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:32	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:32	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:32	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:32	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:32	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:32	JW
72-20-8	Endrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:32	JW

Sample Information

Client Sample ID: **SP-5 (6'-8')** **York Sample ID:** **14B0226-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:32	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:32	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:32	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:32	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:32	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.54	7.54	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:32	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:32	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:32	JW
309-00-2	Aldrin	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:32	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:32	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:32	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.88	1.88	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:32	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 00:10	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 00:10	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 00:10	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 00:10	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 00:10	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 00:10	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.4	19.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 00:10	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.77	19.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 00:10	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.6 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.6 %*	*30-140*

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	**10500**		mg/kg dry	1.14	1.14	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW
7440-36-0	Antimony	**0.635**		mg/kg dry	0.571	0.571	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW
7440-38-2	Arsenic	**3.63**		mg/kg dry	1.14	1.14	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW
7440-39-3	Barium	**76.7**		mg/kg dry	1.14	1.14	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW

Sample Information

Client Sample ID: **SP-5 (6'-8')** **York Sample ID:** **14B0226-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
7440-43-9	Cadmium	**0.426**		mg/kg dry	0.343	0.343	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW
7440-70-2	Calcium	**55100**		mg/kg dry	0.571	5.71	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW
7440-47-3	Chromium	**22.6**		mg/kg dry	0.571	0.571	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW
7440-48-4	Cobalt	**6.85**		mg/kg dry	0.571	0.571	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW
7440-50-8	Copper	**11.4**		mg/kg dry	0.571	0.571	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW
7439-89-6	Iron	**14000**		mg/kg dry	2.28	2.28	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW
7439-92-1	Lead	**10.0**		mg/kg dry	0.343	0.343	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW
7439-95-4	Magnesium	**5800**		mg/kg dry	5.71	5.71	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW
7439-96-5	Manganese	**257**		mg/kg dry	0.571	0.571	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW
7440-02-0	Nickel	**15.7**		mg/kg dry	0.571	0.571	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW
7440-09-7	Potassium	**3370**		mg/kg dry	5.71	5.71	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW
7782-49-2	Selenium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW
7440-22-4	Silver	ND		mg/kg dry	0.571	0.571	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW
7440-23-5	Sodium	**327**		mg/kg dry	11.4	11.4	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW
7440-28-0	Thallium	ND		mg/kg dry	1.14	1.14	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW
7440-62-2	Vanadium	**28.2**		mg/kg dry	1.14	1.14	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	MW
7440-66-6	Zinc	**36.9**		mg/kg dry	1.14	1.14	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:19	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	0.0343	0.0343	1	EPA 7473	02/14/2014 15:17	02/15/2014 00:22	ALD

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	**87.5**		%	0.100	0.100	1	SM 2540G	02/14/2014 15:08	02/17/2014 11:15	AA

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	0.400	0.571	1	EPA 7196A	02/17/2014 07:32	02/17/2014 14:32	SC

Sample Information

Client Sample ID: **SP-6 (0'-2')** **York Sample ID:** **14B0226-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	76	150	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
78-93-3	2-Butanone	**5.8**	CCV-E, J	ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
67-64-1	Acetone	**83**	CCV-E, B	ug/kg dry	3.8	15	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
71-43-2	Benzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
108-86-1	Bromobenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS

Sample Information

Client Sample ID: **SP-6 (0'-2')** **York Sample ID:** **14B0226-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
75-27-4	Bromodichloromethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
75-25-2	Bromoform	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
74-83-9	Bromomethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
75-00-3	Chloroethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
67-66-3	Chloroform	**3.9**	J	ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
74-87-3	Chloromethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
74-95-3	Dibromomethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
75-09-2	Methylene chloride	ND		ug/kg dry	3.8	15	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
91-20-3	Naphthalene	**27**		ug/kg dry	3.8	15	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
95-47-6	o-Xylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	7.6	15	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
99-87-6	p-Isopropyltoluene	**7.6**	J	ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
100-42-5	Styrene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
108-88-3	Toluene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS

Sample Information

Client Sample ID: **SP-6 (0'-2')** **York Sample ID:** **14B0226-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	11	23	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	3.8	7.6	1	EPA 8260C	02/12/2014 08:01	02/12/2014 16:50	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*90.9 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*112 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*85-118*

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	**2150**	J	ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
62-53-3	Aniline	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
120-12-7	Anthracene	**4160**		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
56-55-3	Benzo(a)anthracene	**13200**		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
50-32-8	Benzo(a)pyrene	**10500**		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
205-99-2	Benzo(b)fluoranthene	**8290**		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
191-24-2	Benzo(g,h,i)perylene	**2340**	J	ug/kg dry	1950	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
207-08-9	Benzo(k)fluoranthene	**7740**		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	1950	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	1950	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	1950	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
218-01-9	Chrysene	**15900**		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR

Sample Information

Client Sample ID: **SP-6 (0'-2')** **York Sample ID:** **14B0226-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
53-70-3	Dibenzo(a,h)anthracene	**1190**	J	ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	3880	7740	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	1950	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1950	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	3880	7750	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	1950	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
206-44-0	Fluoranthene	**18700**		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
86-73-7	Fluorene	**2470**	J	ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1950	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**2390**	J	ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
78-59-1	Isophorone	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	1950	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	1950	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
91-20-3	Naphthalene	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	1950	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	1950	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR

Sample Information

Client Sample ID: **SP-6 (0'-2')** **York Sample ID:** **14B0226-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
98-95-3	Nitrobenzene	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	1950	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	1950	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	1950	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
85-01-8	Phenanthrene	**19400**		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
108-95-2	Phenol	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
129-00-0	Pyrene	**21200**		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
110-86-1	Pyridine	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	976	3870	20	EPA 8270D	02/12/2014 07:15	02/15/2014 01:22	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*69.0 %*		*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*90.9 %*		*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*87.1 %*		*10-148*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*126 %*	S-06	*10-111*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*126 %*		*10-142*
1718-51-0	*Surrogate: Terphenyl-d14*	*128 %*		*10-147*

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	97.0	97.0	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:47	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.59	9.59	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:47	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:47	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:47	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:47	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:47	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:47	JW
72-20-8	Endrin	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:47	JW

Sample Information

Client Sample ID: **SP-6 (0'-2')** **York Sample ID:** **14B0226-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:47	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:47	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:47	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:47	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:47	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.67	7.67	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:47	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:47	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:47	JW
309-00-2	Aldrin	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:47	JW
50-29-3	4,4'-DDT	**4.94**		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:47	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:47	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.92	1.92	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 15:47	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.8	19.8	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 00:39	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.8	19.8	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 00:39	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.8	19.8	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 00:39	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.8	19.8	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 00:39	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.8	19.8	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 00:39	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.8	19.8	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 00:39	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.8	19.8	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 00:39	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.90	19.8	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 00:39	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.4 %*	*30-140*

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	**8090**		mg/kg dry	1.16	1.16	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW
7440-36-0	Antimony	**0.980**		mg/kg dry	0.581	0.581	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW
7440-38-2	Arsenic	**5.13**		mg/kg dry	1.16	1.16	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW
7440-39-3	Barium	**144**		mg/kg dry	1.16	1.16	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.116	0.116	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW
7440-43-9	Cadmium	**0.705**		mg/kg dry	0.349	0.349	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW

Sample Information

Client Sample ID: **SP-6 (0'-2')** **York Sample ID:** **14B0226-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
7440-70-2	Calcium	**46700**		mg/kg dry	0.581	5.81	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW
7440-47-3	Chromium	**23.9**		mg/kg dry	0.581	0.581	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW
7440-48-4	Cobalt	**6.05**		mg/kg dry	0.581	0.581	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW
7440-50-8	Copper	**27.2**		mg/kg dry	0.581	0.581	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW
7439-89-6	Iron	**18000**		mg/kg dry	2.32	2.32	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW
7439-92-1	Lead	**184**		mg/kg dry	0.349	0.349	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW
7439-95-4	Magnesium	**6060**		mg/kg dry	5.81	5.81	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW
7439-96-5	Manganese	**242**		mg/kg dry	0.581	0.581	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW
7440-02-0	Nickel	**12.7**		mg/kg dry	0.581	0.581	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW
7440-09-7	Potassium	**2450**		mg/kg dry	5.81	5.81	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW
7782-49-2	Selenium	**1.81**		mg/kg dry	1.16	1.16	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW
7440-22-4	Silver	ND		mg/kg dry	0.581	0.581	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW
7440-23-5	Sodium	**820**		mg/kg dry	11.6	11.6	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW
7440-28-0	Thallium	ND		mg/kg dry	1.16	1.16	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW
7440-62-2	Vanadium	**31.6**		mg/kg dry	1.16	1.16	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	MW
7440-66-6	Zinc	**125**		mg/kg dry	1.16	1.16	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:24	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	**0.0722**		mg/kg dry	0.0349	0.0349	1	EPA 7473	02/14/2014 15:17	02/17/2014 08:48	ALD

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	**86.1**		%	0.100	0.100	1	SM 2540G	02/14/2014 15:08	02/17/2014 11:15	AA

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	0.407	0.581	1	EPA 7196A	02/17/2014 07:32	02/17/2014 14:32	SC

Sample Information

Client Sample ID: **SP-6 (6'-8')** **York Sample ID:** **14B0226-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	48	95	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
67-64-1	Acetone	**2.6**	CCV-E, J, B	ug/kg dry	2.4	9.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS

Sample Information

Client Sample ID: **SP-6 (6'-8')** **York Sample ID:** **14B0226-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.4	9.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.4	9.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.8	9.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
108-88-3	Toluene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS

Sample Information

Client Sample ID: **SP-6 (6'-8')** **York Sample ID:** **14B0226-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.1	14	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:24	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.1 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.4 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*85-118*

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	**55.1**	J	ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
62-53-3	Aniline	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
120-12-7	Anthracene	**120**	J	ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
56-55-3	Benzo(a)anthracene	**493**		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
50-32-8	Benzo(a)pyrene	**77.8**	J	ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
205-99-2	Benzo(b)fluoranthene	**260**		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	90.8	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
207-08-9	Benzo(k)fluoranthene	**377**		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	90.8	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	90.8	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	90.8	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR

Sample Information

Client Sample ID: **SP-6 (6'-8')** **York Sample ID:** **14B0226-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
218-01-9	Chrysene	**621**		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
53-70-3	Dibenzo(a,h)anthracene	**52.3**	J	ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	181	360	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	90.8	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	90.8	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	181	360	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	90.8	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
206-44-0	Fluoranthene	**586**		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
86-73-7	Fluorene	**62.3**	J	ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	90.8	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**99.1**	J	ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
78-59-1	Isophorone	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	90.8	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	90.8	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
91-20-3	Naphthalene	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.8	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR

Sample Information

Client Sample ID: **SP-6 (6'-8')** **York Sample ID:** **14B0226-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.8	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.8	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	90.8	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	90.8	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
85-01-8	Phenanthrene	**590**		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
108-95-2	Phenol	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
129-00-0	Pyrene	**942**		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
110-86-1	Pyridine	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.4	180	1	EPA 8270D	02/12/2014 07:15	02/13/2014 04:44	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*50.1 %*	*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*59.0 %*	*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*52.5 %*	*10-148*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*55.1 %*	*10-111*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*42.9 %*	*10-142*
1718-51-0	*Surrogate: Terphenyl-d14*	*53.2 %*	*10-147*

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	90.3	90.3	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:02	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.92	8.92	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:02	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:02	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:02	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:02	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:02	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:02	JW

Sample Information

Client Sample ID: **SP-6 (6'-8')** **York Sample ID:** **14B0226-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
72-20-8	Endrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:02	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:02	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:02	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:02	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:02	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:02	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.14	7.14	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:02	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:02	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:02	JW
309-00-2	Aldrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:02	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:02	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:02	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:02	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.4	18.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 01:09	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.4	18.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 01:09	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.4	18.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 01:09	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.4	18.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 01:09	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.4	18.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 01:09	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.4	18.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 01:09	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.4	18.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 01:09	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.35	18.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 01:09	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.9 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.2 %*	*30-140*

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	**17200**		mg/kg dry	1.08	1.08	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW
7440-36-0	Antimony	**1.87**		mg/kg dry	0.541	0.541	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW
7440-38-2	Arsenic	**3.31**		mg/kg dry	1.08	1.08	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW
7440-39-3	Barium	**206**		mg/kg dry	1.08	1.08	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW

Sample Information

Client Sample ID: **SP-6 (6'-8')** **York Sample ID:** **14B0226-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
7440-41-7	Beryllium	ND		mg/kg dry	0.108	0.108	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW
7440-43-9	Cadmium	**1.26**		mg/kg dry	0.324	0.324	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW
7440-70-2	Calcium	**11600**		mg/kg dry	0.541	5.41	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW
7440-47-3	Chromium	**74.7**		mg/kg dry	0.541	0.541	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW
7440-48-4	Cobalt	**14.3**		mg/kg dry	0.541	0.541	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW
7440-50-8	Copper	**8.02**		mg/kg dry	0.541	0.541	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW
7439-89-6	Iron	**27300**		mg/kg dry	2.16	2.16	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW
7439-92-1	Lead	**13.9**		mg/kg dry	0.324	0.324	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW
7439-95-4	Magnesium	**8930**		mg/kg dry	5.41	5.41	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW
7439-96-5	Manganese	**325**		mg/kg dry	0.541	0.541	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW
7440-02-0	Nickel	**45.1**		mg/kg dry	0.541	0.541	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW
7440-09-7	Potassium	**9120**		mg/kg dry	5.41	5.41	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW
7782-49-2	Selenium	**1.08**		mg/kg dry	1.08	1.08	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW
7440-22-4	Silver	ND		mg/kg dry	0.541	0.541	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW
7440-23-5	Sodium	**187**		mg/kg dry	10.8	10.8	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW
7440-62-2	Vanadium	**70.3**		mg/kg dry	1.08	1.08	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	MW
7440-66-6	Zinc	**74.9**		mg/kg dry	1.08	1.08	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:29	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	**0.0784**		mg/kg dry	0.0324	0.0324	1	EPA 7473	02/14/2014 15:17	02/17/2014 08:57	ALD

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	**92.5**		%	0.100	0.100	1	SM 2540G	02/14/2014 15:08	02/17/2014 11:15	AA

Sample Information

Client Sample ID: **SP-6 (6'-8')** **York Sample ID:** **14B0226-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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	0.378	0.541	1	EPA 7196A	02/17/2014 07:32	02/17/2014 14:32	SC

Sample Information

Client Sample ID: **SP-7 (0'-2')** **York Sample ID:** **14B0226-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS

Sample Information

Client Sample ID: **SP-7 (0'-2')** **York Sample ID:** **14B0226-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	90	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
67-64-1	Acetone	**9.4**	CCV-E, B	ug/kg dry	2.2	9.0	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.2	9.0	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.2	9.0	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS

Sample Information

Client Sample ID: **SP-7 (0'-2')** **York Sample ID:** **14B0226-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.0	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.7	13	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.2	4.5	1	EPA 8260C	02/12/2014 08:01	02/12/2014 17:59	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.1 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*109 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*85-118*

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	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
62-53-3	Aniline	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
120-12-7	Anthracene	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
56-55-3	Benzo(a)anthracene	**519**	J	ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
50-32-8	Benzo(a)pyrene	**474**	J	ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
205-99-2	Benzo(b)fluoranthene	**631**	J	ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	454	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
207-08-9	Benzo(k)fluoranthene	**562**	J	ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR

Sample Information

Client Sample ID: **SP-7 (0'-2')** **York Sample ID:** **14B0226-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
100-51-6	Benzyl alcohol	ND		ug/kg dry	454	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	454	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	454	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
218-01-9	Chrysene	**587**	J	ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	903	1800	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	454	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	454	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	903	1800	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	454	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
206-44-0	Fluoranthene	**1410**		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
86-73-7	Fluorene	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR

Sample Information

Client Sample ID: **SP-7 (0'-2')** **York Sample ID:** **14B0226-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
118-74-1	Hexachlorobenzene	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	454	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
78-59-1	Isophorone	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	454	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	454	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
91-20-3	Naphthalene	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	454	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	454	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	454	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	454	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	454	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
85-01-8	Phenanthrene	**1340**		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
108-95-2	Phenol	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
129-00-0	Pyrene	**1010**		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
110-86-1	Pyridine	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	227	901	5	EPA 8270D	02/12/2014 07:15	02/15/2014 00:52	SR

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*57.5 %*		*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*88.6 %*		*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*85.2 %*		*10-148*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*119 %*	S-06	*10-111*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*95.7 %*		*10-142*

Sample Information

Client Sample ID: **SP-7 (0'-2')** **York Sample ID:** **14B0226-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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*	*92.3 %*			*10-147*						

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	90.3	90.3	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:17	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.92	8.92	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:17	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:17	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:17	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:17	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:17	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:17	JW
72-20-8	Endrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:17	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:17	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:17	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:17	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:17	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:17	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.14	7.14	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:17	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:17	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:17	JW
309-00-2	Aldrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:17	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:17	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:17	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:17	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.4	18.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 01:38	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.4	18.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 01:38	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.4	18.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 01:38	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.4	18.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 01:38	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.4	18.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 01:38	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.4	18.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 01:38	JW

Sample Information

Client Sample ID: **SP-7 (0'-2')** **York Sample ID:** **14B0226-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.4	18.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 01:38	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.35	18.4	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 01:38	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.2 %*	*30-140*

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	**10200**		mg/kg dry	1.08	1.08	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7440-36-0	Antimony	ND		mg/kg dry	0.541	0.541	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7440-38-2	Arsenic	**4.12**		mg/kg dry	1.08	1.08	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7440-39-3	Barium	**105**		mg/kg dry	1.08	1.08	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.108	0.108	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7440-43-9	Cadmium	**0.630**		mg/kg dry	0.324	0.324	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7440-70-2	Calcium	**37300**		mg/kg dry	0.541	5.41	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7440-47-3	Chromium	**19.6**		mg/kg dry	0.541	0.541	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7440-48-4	Cobalt	**9.03**		mg/kg dry	0.541	0.541	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7440-50-8	Copper	**26.1**		mg/kg dry	0.541	0.541	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7439-89-6	Iron	**18700**		mg/kg dry	2.16	2.16	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7439-92-1	Lead	**49.6**		mg/kg dry	0.324	0.324	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7439-95-4	Magnesium	**7060**		mg/kg dry	5.41	5.41	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7439-96-5	Manganese	**294**		mg/kg dry	0.541	0.541	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7440-02-0	Nickel	**17.0**		mg/kg dry	0.541	0.541	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7440-09-7	Potassium	**3700**		mg/kg dry	5.41	5.41	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7782-49-2	Selenium	**1.29**		mg/kg dry	1.08	1.08	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7440-22-4	Silver	ND		mg/kg dry	0.541	0.541	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7440-23-5	Sodium	**463**		mg/kg dry	10.8	10.8	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7440-62-2	Vanadium	**29.7**		mg/kg dry	1.08	1.08	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW
7440-66-6	Zinc	**90.4**		mg/kg dry	1.08	1.08	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:34	MW

Sample Information

Client Sample ID: **SP-7 (0'-2')** **York Sample ID:** **14B0226-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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	**0.107**		mg/kg dry	0.0324	0.0324	1	EPA 7473	02/14/2014 15:17	02/17/2014 09:06	ALD

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	**92.5**		%	0.100	0.100	1	SM 2540G	02/14/2014 15:08	02/17/2014 11:15	AA

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	0.378	0.541	1	EPA 7196A	02/17/2014 07:32	02/17/2014 14:32	SC

Sample Information

Client Sample ID: **SP-7 (6'-8')** **York Sample ID:** **14B0226-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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	02/12/2014 08:01	02/12/2014 18:33	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS

Sample Information

Client Sample ID: **SP-7 (6'-8')** **York Sample ID:** **14B0226-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
67-64-1	Acetone	**5.4**	CCV-E, J, B	ug/kg dry	2.7	11	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS

Sample Information

Client Sample ID: **SP-7 (6'-8')** **York Sample ID:** **14B0226-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
74-95-3	Dibromomethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.7	11	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.0	16	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.7	5.3	1	EPA 8260C	02/12/2014 08:01	02/12/2014 18:33	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.9 %*	*72-137*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*72-138*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*85-118*

Sample Information

Client Sample ID: **SP-7 (6'-8')** **York Sample ID:** **14B0226-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
62-53-3	Aniline	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
120-12-7	Anthracene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
218-01-9	Chrysene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	178	355	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR

Sample Information

Client Sample ID: SP-7 (6'-8')

York Sample ID: 14B0226-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	178	355	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
206-44-0	Fluoranthene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
86-73-7	Fluorene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
78-59-1	Isophorone	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
91-20-3	Naphthalene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	89.5	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
85-01-8	Phenanthrene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR

Sample Information

Client Sample ID: **SP-7 (6'-8')** **York Sample ID:** **14B0226-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
108-95-2	Phenol	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
129-00-0	Pyrene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
110-86-1	Pyridine	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.7	178	1	EPA 8270D	02/12/2014 07:15	02/12/2014 22:12	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*30.0 %*	*10-109*
4165-62-2	*Surrogate: Phenol-d5*	*46.0 %*	*10-124*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*48.3 %*	*10-148*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*52.0 %*	*10-111*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*15.8 %*	*10-142*
1718-51-0	*Surrogate: Terphenyl-d14*	*52.1 %*	*10-147*

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	88.9	88.9	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:32	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.79	8.79	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:32	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:32	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:32	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:32	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:32	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:32	JW
72-20-8	Endrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:32	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:32	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:32	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:32	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:32	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:32	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.03	7.03	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:32	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:32	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:32	JW

Sample Information

Client Sample ID: **SP-7 (6'-8')** **York Sample ID:** **14B0226-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
309-00-2	Aldrin	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:32	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:32	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:32	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.76	1.76	5	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 16:32	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 02:07	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 02:07	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 02:07	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 02:07	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 02:07	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 02:07	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.1	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 02:07	JW
1336-36-3	Total PCBs	ND		ug/kg dry	7.24	18.1	1	EPA 8081B/8082A	02/12/2014 07:04	02/13/2014 02:07	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.6 %*	*30-140*

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	**7010**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW
7440-36-0	Antimony	**0.776**		mg/kg dry	0.533	0.533	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW
7440-38-2	Arsenic	**2.48**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW
7440-39-3	Barium	**44.1**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.107	0.107	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW
7440-43-9	Cadmium	**0.331**		mg/kg dry	0.320	0.320	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW
7440-70-2	Calcium	**48400**		mg/kg dry	0.533	5.33	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW
7440-47-3	Chromium	**18.2**		mg/kg dry	0.533	0.533	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW
7440-48-4	Cobalt	**4.27**		mg/kg dry	0.533	0.533	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW
7440-50-8	Copper	**10.0**		mg/kg dry	0.533	0.533	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW
7439-89-6	Iron	**9880**		mg/kg dry	2.13	2.13	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW
7439-92-1	Lead	**9.09**		mg/kg dry	0.320	0.320	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW
7439-95-4	Magnesium	**3220**		mg/kg dry	5.33	5.33	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW
7439-96-5	Manganese	**205**		mg/kg dry	0.533	0.533	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW

Sample Information

Client Sample ID: **SP-7 (6'-8')** **York Sample ID:** **14B0226-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Soil	February 7, 2014 3:00 pm	02/11/2014

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
7440-02-0	Nickel	**9.95**		mg/kg dry	0.533	0.533	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW
7440-09-7	Potassium	**1830**		mg/kg dry	5.33	5.33	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW
7782-49-2	Selenium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW
7440-22-4	Silver	ND		mg/kg dry	0.533	0.533	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW
7440-23-5	Sodium	**311**		mg/kg dry	10.7	10.7	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW
7440-28-0	Thallium	ND		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW
7440-62-2	Vanadium	**12.3**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	MW
7440-66-6	Zinc	**24.8**		mg/kg dry	1.07	1.07	1	EPA 6010C	02/12/2014 13:28	02/12/2014 18:39	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	0.0320	0.0320	1	EPA 7473	02/14/2014 15:17	02/17/2014 09:15	ALD

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	**93.9**		%	0.100	0.100	1	SM 2540G	02/14/2014 15:08	02/17/2014 11:15	AA

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	0.373	0.533	1	EPA 7196A	02/17/2014 07:32	02/17/2014 14:32	SC

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14B0226-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Water	February 7, 2014 3:00 pm	02/11/2014

Volatile Organics, 8260 List

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

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14B0226-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Water	February 7, 2014 3:00 pm	02/11/2014

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	02/13/2014 15:08	02/14/2014 03:09	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
67-64-1	Acetone	**4.2**	CCV-E, J, B	ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14B0226-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Water	February 7, 2014 3:00 pm	02/11/2014

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
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
75-09-2	Methylene chloride	**4.0**	J, B	ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14B0226-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Water	February 7, 2014 3:00 pm	02/11/2014

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
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:09	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.5 %*	*78-122*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*111 %*	*87-112*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*91-110*

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	02/12/2014 10:00	02/12/2014 20:47	SR
208-96-8	Acenaphthylene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
120-12-7	Anthracene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
218-01-9	Chrysene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14B0226-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Water	February 7, 2014 3:00 pm	02/11/2014

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
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
206-44-0	Fluoranthene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
86-73-7	Fluorene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
118-74-1	Hexachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
67-72-1	Hexachloroethane	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
91-20-3	Naphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14B0226-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Water	February 7, 2014 3:00 pm	02/11/2014

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
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
98-95-3	Nitrobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
87-86-5	Pentachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
85-01-8	Phenanthrene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
129-00-0	Pyrene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	02/12/2014 10:00	02/12/2014 20:47	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*22.9 %*	*10-52*
4165-62-2	*Surrogate: Phenol-d5*	*12.9 %*	*10-117*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*65.1 %*	*12-112*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*65.6 %*	*14-101*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*73.8 %*	*17-127*
1718-51-0	*Surrogate: Terphenyl-d14*	*88.0 %*	*10-151*

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	0.0526	0.0526	1	EPA 8081B/8082A	02/12/2014 08:02	02/13/2014 16:47	JW
72-43-5	Methoxychlor	ND		ug/L	0.00526	0.00526	1	EPA 8081B/8082A	02/12/2014 08:02	02/13/2014 16:47	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	02/12/2014 08:02	02/13/2014 16:47	JW
76-44-8	Heptachlor	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	02/12/2014 08:02	02/13/2014 16:47	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	02/12/2014 08:02	02/13/2014 16:47	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	02/12/2014 08:02	02/13/2014 16:47	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	02/12/2014 08:02	02/13/2014 16:47	JW

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14B0226-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Water	February 7, 2014 3:00 pm	02/11/2014

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
72-20-8	Endrin	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	02/12/2014 08:02	02/13/2014 16:47	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	02/12/2014 08:02	02/13/2014 16:47	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	02/12/2014 08:02	02/13/2014 16:47	JW
959-98-8	Endosulfan I	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	02/12/2014 08:02	02/13/2014 16:47	JW
60-57-1	Dieldrin	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	02/12/2014 08:02	02/13/2014 16:47	JW
319-86-8	delta-BHC	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	02/12/2014 08:02	02/13/2014 16:47	JW
57-74-9	Chlordane, total	ND		ug/L	0.00421	0.00421	1	EPA 8081B/8082A	02/12/2014 08:02	02/13/2014 16:47	JW
319-85-7	beta-BHC	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	02/12/2014 08:02	02/13/2014 16:47	JW
319-84-6	alpha-BHC	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	02/12/2014 08:02	02/13/2014 16:47	JW
309-00-2	Aldrin	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	02/12/2014 08:02	02/13/2014 16:47	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	02/12/2014 08:02	02/13/2014 16:47	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	02/12/2014 08:02	02/13/2014 16:47	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00105	0.00105	1	EPA 8081B/8082A	02/12/2014 08:02	02/13/2014 16:47	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	0.0526	1	EPA 8081B/8082A	02/12/2014 08:02	02/12/2014 22:03	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	0.0526	1	EPA 8081B/8082A	02/12/2014 08:02	02/12/2014 22:03	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	0.0526	1	EPA 8081B/8082A	02/12/2014 08:02	02/12/2014 22:03	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	0.0526	1	EPA 8081B/8082A	02/12/2014 08:02	02/12/2014 22:03	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	0.0526	1	EPA 8081B/8082A	02/12/2014 08:02	02/12/2014 22:03	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	0.0526	1	EPA 8081B/8082A	02/12/2014 08:02	02/12/2014 22:03	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	0.0526	1	EPA 8081B/8082A	02/12/2014 08:02	02/12/2014 22:03	JW
1336-36-3	Total PCBs	ND		ug/L	0.0526	0.0526	1	EPA 8081B/8082A	02/12/2014 08:02	02/12/2014 22:03	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.7 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.1 %*	*30-120*

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 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW
7440-39-3	Barium	ND		mg/L	0.010	0.010	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14B0226-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Water	February 7, 2014 3:00 pm	02/11/2014

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
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW
7440-70-2	Calcium	ND		mg/L	0.050	0.050	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW
7439-95-4	Magnesium	ND		mg/L	0.050	0.050	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW
7439-96-5	Manganese	ND		mg/L	0.005	0.005	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW
7440-09-7	Potassium	ND		mg/L	0.050	0.050	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW
7440-23-5	Sodium	ND		mg/L	0.100	0.100	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	MW
7440-66-6	Zinc	ND		mg/L	0.010	0.010	1	EPA 200.7/6010C	02/12/2014 13:26	02/12/2014 16:34	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	02/14/2014 07:05	02/14/2014 11:34	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	02/12/2014 07:49	02/12/2014 08:34	SC

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **14B0226-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Water	February 10, 2014 3:00 pm	02/11/2014

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	02/13/2014 15:08	02/14/2014 03:44	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
67-64-1	Acetone	**4.6**	CCV-E, J, B	ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **14B0226-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Water	February 10, 2014 3:00 pm	02/11/2014

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
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
75-09-2	Methylene chloride	**2.9**	J, B	ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **14B0226-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0226	130175-82 Brown Place	Water	February 10, 2014 3:00 pm	02/11/2014

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
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	02/13/2014 15:08	02/14/2014 03:44	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.1 %*	*78-122*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*87-112*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*91-110*

Analytical Batch Summary

Batch ID: BB40383 **Preparation Method:** EPA 3550C **Prepared By:** CC

YORK Sample ID	Client Sample ID	Preparation Date
14B0226-01	SP-1 (0'-2')	02/12/14
14B0226-02	SP-1 (6'-8')	02/12/14
14B0226-05	SP-3 (0'-2')	02/12/14
14B0226-06	SP-3 (6'-8')	02/12/14
14B0226-07	SP-4 (0'-2')	02/12/14
14B0226-08	SP-4 (6'-8')	02/12/14
14B0226-09	SP-5 (0'-2')	02/12/14
14B0226-10	SP-5 (6'-8')	02/12/14
14B0226-11	SP-6 (0'-2')	02/12/14
14B0226-12	SP-6 (6'-8')	02/12/14
14B0226-13	SP-7 (0'-2')	02/12/14
14B0226-14	SP-7 (6'-8')	02/12/14
BB40383-BLK1	Blank	02/12/14
BB40383-BS1	LCS	02/12/14
BB40383-BS2	LCS	02/12/14
BB40383-BSD1	LCS Dup	02/12/14
BB40383-MS1	Matrix Spike	02/12/14

Batch ID: BB40385 **Preparation Method:** EPA 3550C **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
14B0226-01	SP-1 (0'-2')	02/12/14
14B0226-02	SP-1 (6'-8')	02/12/14
14B0226-05	SP-3 (0'-2')	02/12/14
14B0226-06	SP-3 (6'-8')	02/12/14
14B0226-07	SP-4 (0'-2')	02/12/14
14B0226-08	SP-4 (6'-8')	02/12/14
14B0226-09	SP-5 (0'-2')	02/12/14
14B0226-10	SP-5 (6'-8')	02/12/14
14B0226-11	SP-6 (0'-2')	02/12/14
14B0226-12	SP-6 (6'-8')	02/12/14
14B0226-13	SP-7 (0'-2')	02/12/14
14B0226-14	SP-7 (6'-8')	02/12/14
BB40385-BLK1	Blank	02/12/14
BB40385-BS1	LCS	02/12/14
BB40385-BSD1	LCS Dup	02/12/14

Batch ID: BB40388 **Preparation Method:** Analysis Preparation **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14B0226-15	Field Blank	02/12/14
BB40388-BLK1	Blank	02/12/14
BB40388-BS1	LCS	02/12/14
BB40388-DUP1	Duplicate	02/12/14
BB40388-MS1	Matrix Spike	02/12/14

Batch ID: BB40392 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
14B0226-15	Field Blank	02/12/14
BB40392-BLK1	Blank	02/12/14
BB40392-BS1	LCS	02/12/14
BB40392-BS2	LCS	02/12/14
BB40392-BSD1	LCS Dup	02/12/14
BB40392-BSD2	LCS Dup	02/12/14

Batch ID: BB40393 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
14B0226-15	Field Blank	02/12/14
BB40393-BLK1	Blank	02/12/14
BB40393-BLK2	Blank	02/12/14
BB40393-BS1	LCS	02/12/14
BB40393-BSD1	LCS Dup	02/12/14

Batch ID: BB40394 **Preparation Method:** EPA 5035A **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
14B0226-01	SP-1 (0'-2')	02/12/14
14B0226-02	SP-1 (6'-8')	02/12/14
14B0226-03	SP-2 (0'-2')	02/12/14
14B0226-04	SP-2 (4'-6')	02/12/14
14B0226-05	SP-3 (0'-2')	02/12/14
14B0226-06	SP-3 (6'-8')	02/12/14
14B0226-07	SP-4 (0'-2')	02/12/14
14B0226-08	SP-4 (6'-8')	02/12/14
14B0226-09	SP-5 (0'-2')	02/12/14
BB40394-BLK1	Blank	02/12/14
BB40394-BS1	LCS	02/12/14
BB40394-BSD1	LCS Dup	02/12/14

Batch ID: BB40412 **Preparation Method:** EPA 5035A **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14B0226-10	SP-5 (6'-8')	02/12/14
14B0226-11	SP-6 (0'-2')	02/12/14
14B0226-12	SP-6 (6'-8')	02/12/14
14B0226-13	SP-7 (0'-2')	02/12/14
14B0226-14	SP-7 (6'-8')	02/12/14
BB40412-BLK1	Blank	02/12/14
BB40412-BS1	LCS	02/12/14
BB40412-BSD1	LCS Dup	02/12/14

Batch ID: BB40416 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14B0226-15	Field Blank	02/12/14
BB40416-BLK1	Blank	02/12/14
BB40416-SRM1	Reference	02/12/14
BB40416-SRM2	Reference	02/12/14

Batch ID: BB40417 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14B0226-01	SP-1 (0'-2')	02/12/14
14B0226-02	SP-1 (6'-8')	02/12/14
14B0226-05	SP-3 (0'-2')	02/12/14
14B0226-06	SP-3 (6'-8')	02/12/14
14B0226-07	SP-4 (0'-2')	02/12/14
14B0226-08	SP-4 (6'-8')	02/12/14
14B0226-09	SP-5 (0'-2')	02/12/14
14B0226-10	SP-5 (6'-8')	02/12/14
14B0226-11	SP-6 (0'-2')	02/12/14
14B0226-12	SP-6 (6'-8')	02/12/14
14B0226-13	SP-7 (0'-2')	02/12/14
14B0226-14	SP-7 (6'-8')	02/12/14
BB40417-BLK1	Blank	02/12/14
BB40417-DUP1	Duplicate	02/12/14
BB40417-MS1	Matrix Spike	02/12/14
BB40417-SRM1	Reference	02/12/14

Batch ID: BB40459 **Preparation Method:** EPA 7473 water **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14B0226-15	Field Blank	02/14/14
BB40459-BLK1	Blank	02/14/14
BB40459-SRM1	Reference	02/14/14

Batch ID: BB40462 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14B0226-15	Field Blank	02/13/14
14B0226-16	Trip Blank	02/13/14
BB40462-BLK1	Blank	02/13/14
BB40462-BS1	LCS	02/13/14
BB40462-BSD1	LCS Dup	02/13/14

Batch ID: BB40486 **Preparation Method:** EPA 3550C **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14B0226-03	SP-2 (0'-2')	02/14/14
14B0226-04	SP-2 (4'-6')	02/14/14

BB40486-BLK1	Blank	02/14/14
BB40486-BS1	LCS	02/14/14
BB40486-BS2	LCS	02/14/14
BB40486-BSD1	LCS Dup	02/14/14
BB40486-BSD2	LCS Dup	02/14/14

Batch ID: BB40507 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14B0226-01	SP-1 (0'-2')	02/14/14
14B0226-02	SP-1 (6'-8')	02/14/14
14B0226-05	SP-3 (0'-2')	02/14/14
14B0226-06	SP-3 (6'-8')	02/14/14
14B0226-07	SP-4 (0'-2')	02/14/14
14B0226-08	SP-4 (6'-8')	02/14/14
14B0226-09	SP-5 (0'-2')	02/14/14
14B0226-10	SP-5 (6'-8')	02/14/14
14B0226-11	SP-6 (0'-2')	02/14/14
14B0226-12	SP-6 (6'-8')	02/14/14
14B0226-13	SP-7 (0'-2')	02/14/14
14B0226-14	SP-7 (6'-8')	02/14/14

Batch ID: BB40509 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14B0226-01	SP-1 (0'-2')	02/14/14
14B0226-02	SP-1 (6'-8')	02/14/14
14B0226-05	SP-3 (0'-2')	02/14/14
14B0226-06	SP-3 (6'-8')	02/14/14
14B0226-07	SP-4 (0'-2')	02/14/14
14B0226-08	SP-4 (6'-8')	02/14/14
14B0226-09	SP-5 (0'-2')	02/14/14
14B0226-10	SP-5 (6'-8')	02/14/14
14B0226-11	SP-6 (0'-2')	02/14/14
14B0226-12	SP-6 (6'-8')	02/14/14
14B0226-13	SP-7 (0'-2')	02/14/14
14B0226-14	SP-7 (6'-8')	02/14/14
BB40509-BLK1	Blank	02/14/14
BB40509-SRM1	Reference	02/14/14

Batch ID: BB40514 **Preparation Method:** EPA 3545A **Prepared By:** DB

YORK Sample ID	Client Sample ID	Preparation Date
14B0226-03	SP-2 (0'-2')	02/14/14
14B0226-04	SP-2 (4'-6')	02/14/14
BB40514-BLK1	Blank	02/14/14
BB40514-BS1	LCS	02/14/14
BB40514-BSD1	LCS Dup	02/14/14
BB40514-MS1	Matrix Spike	02/14/14

Batch ID: BB40521 **Preparation Method:** EPA 7473 soil **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14B0226-03	SP-2 (0'-2')	02/17/14
14B0226-04	SP-2 (4'-6')	02/17/14
BB40521-BLK1	Blank	02/17/14
BB40521-SRM1	Reference	02/17/14

Batch ID: BB40522 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14B0226-01	SP-1 (0'-2')	02/17/14
14B0226-02	SP-1 (6'-8')	02/17/14
14B0226-03	SP-2 (0'-2')	02/17/14
14B0226-04	SP-2 (4'-6')	02/17/14
14B0226-05	SP-3 (0'-2')	02/17/14
14B0226-06	SP-3 (6'-8')	02/17/14
14B0226-07	SP-4 (0'-2')	02/17/14
14B0226-08	SP-4 (6'-8')	02/17/14
14B0226-09	SP-5 (0'-2')	02/17/14
14B0226-10	SP-5 (6'-8')	02/17/14
14B0226-11	SP-6 (0'-2')	02/17/14
14B0226-12	SP-6 (6'-8')	02/17/14
14B0226-13	SP-7 (0'-2')	02/17/14
14B0226-14	SP-7 (6'-8')	02/17/14
BB40522-BLK1	Blank	02/17/14
BB40522-DUP1	Duplicate	02/17/14
BB40522-MS1	Matrix Spike	02/17/14
BB40522-SRM1	Reference	02/17/14

Batch ID: BB40531 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14B0226-03	SP-2 (0'-2')	02/17/14
14B0226-04	SP-2 (4'-6')	02/17/14
BB40531-BLK1	Blank	02/17/14
BB40531-SRM1	Reference	02/17/14

Batch ID: BB40540 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14B0226-03	SP-2 (0'-2')	02/17/14
14B0226-04	SP-2 (4'-6')	02/17/14

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 BB40394 - EPA 5035A											
Blank (BB40394-BLK1)								Prepared & Analyzed: 02/12/2014			
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	"								
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	4.2	10	"								
Naphthalene	ND	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 BB40394 - EPA 5035A											
Blank (BB40394-BLK1)								Prepared & Analyzed: 02/12/2014			
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	*51.3*		*ug/L*	*50.0*		*103*	*72-137*				
Surrogate: p-Bromofluorobenzene	*48.6*		*"*	*50.0*		*97.1*	*72-138*				
Surrogate: Toluene-d8	*52.1*		*"*	*50.0*		*104*	*85-118*				
LCS (BB40394-BS1)								Prepared & Analyzed: 02/12/2014			
1,1,1,2-Tetrachloroethane	55		ug/L	50.0		110	91-113				
1,1,1-Trichloroethane	54		"	50.0		107	76-135				
1,1,2,2-Tetrachloroethane	62		"	50.0		123	82-119	High Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46		"	50.0		92.5	68-144				
1,1,2-Trichloroethane	60		"	50.0		119	82-114	High Bias			
1,1-Dichloroethane	56		"	50.0		111	80-119				
1,1-Dichloroethylene	48		"	50.0		96.9	58-139				
1,1-Dichloropropylene	52		"	50.0		104	75-117				
1,2,3-Trichlorobenzene	60		"	50.0		119	72-133				
1,2,3-Trichloropropane	59		"	50.0		118	82-117	High Bias			
1,2,4-Trichlorobenzene	61		"	50.0		123	69-135				
1,2,4-Trimethylbenzene	58		"	50.0		115	82-116				
1,2-Dibromo-3-chloropropane	69		"	50.0		138	72-131	High Bias			
1,2-Dibromoethane	58		"	50.0		116	86-114	High Bias			
1,2-Dichlorobenzene	55		"	50.0		109	85-114				
1,2-Dichloroethane	56		"	50.0		113	72-136				
1,2-Dichloropropane	59		"	50.0		118	79-119				
1,3,5-Trimethylbenzene	57		"	50.0		114	86-114				
1,3-Dichlorobenzene	55		"	50.0		110	84-114				
1,3-Dichloropropane	59		"	50.0		119	82-117	High Bias			
1,4-Dichlorobenzene	57		"	50.0		114	82-116				
1,4-Dioxane	1000		"	1000		100	10-208				
2,2-Dichloropropane	55		"	50.0		110	44-148				
2-Butanone	63		"	50.0		127	60-129				
2-Chlorotoluene	55		"	50.0		110	82-114				
4-Chlorotoluene	58		"	50.0		117	82-117				
Acetone	52		"	50.0		105	26-119				
Benzene	53		"	50.0		106	81-117				
Bromobenzene	61		"	50.0		121	85-114	High Bias			
Bromochloromethane	49		"	50.0		98.1	79-118				
Bromodichloromethane	60		"	50.0		119	88-123				
Bromoform	55		"	50.0		110	85-122				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB40394 - EPA 5035A											
LCS (BB40394-BS1)							Prepared & Analyzed: 02/12/2014				
Bromomethane	43		ug/L	50.0		86.7	43-137				
Carbon tetrachloride	53		"	50.0		107	79-135				
Chlorobenzene	55		"	50.0		109	87-112				
Chloroethane	48		"	50.0		95.6	60-132				
Chloroform	54		"	50.0		107	80-126				
Chloromethane	54		"	50.0		108	36-133				
cis-1,2-Dichloroethylene	51		"	50.0		101	80-119				
cis-1,3-Dichloropropylene	58		"	50.0		117	87-125				
Dibromochloromethane	56		"	50.0		111	86-128				
Dibromomethane	56		"	50.0		112	85-121				
Dichlorodifluoromethane	52		"	50.0		105	10-156				
Ethyl Benzene	58		"	50.0		115	88-117				
Hexachlorobutadiene	61		"	50.0		122	82-129				
Isopropylbenzene	56		"	50.0		111	84-116				
Methyl tert-butyl ether (MTBE)	57		"	50.0		113	58-137				
Methylene chloride	58		"	50.0		115	47-140				
Naphthalene	59		"	50.0		119	65-143				
n-Butylbenzene	60		"	50.0		119	79-119				
n-Propylbenzene	57		"	50.0		114	82-116				
o-Xylene	58		"	50.0		116	88-111	High Bias			
p- & m- Xylenes	120		"	100		115	86-117				
p-Isopropyltoluene	57		"	50.0		114	84-120				
sec-Butylbenzene	58		"	50.0		116	85-119				
Styrene	53		"	50.0		105	85-119				
tert-Butylbenzene	55		"	50.0		110	84-119				
Tetrachloroethylene	52		"	50.0		104	74-127				
Toluene	56		"	50.0		111	83-114				
trans-1,2-Dichloroethylene	54		"	50.0		107	68-131				
trans-1,3-Dichloropropylene	61		"	50.0		122	81-127				
Trichloroethylene	54		"	50.0		109	84-118				
Trichlorofluoromethane	56		"	50.0		112	59-148				
Vinyl Chloride	50		"	50.0		100	46-133				
Vinyl acetate	58		"	50.0		117	10-84	High Bias			
Surrogate: 1,2-Dichloroethane-d4	*52.9*		*"*	*50.0*		*106*	*72-137*				
Surrogate: p-Bromofluorobenzene	*47.7*		*"*	*50.0*		*95.4*	*72-138*				
Surrogate: Toluene-d8	*50.1*		*"*	*50.0*		*100*	*85-118*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB40394 - EPA 5035A											
LCS Dup (BB40394-BSD1)								Prepared & Analyzed: 02/12/2014			
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		101	91-113		8.84	30	
1,1,1-Trichloroethane	51		"	50.0		103	76-135		4.20	30	
1,1,2,2-Tetrachloroethane	59		"	50.0		117	82-119		4.85	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43		"	50.0		85.1	68-144		8.34	30	
1,1,2-Trichloroethane	54		"	50.0		108	82-114		9.57	30	
1,1-Dichloroethane	52		"	50.0		105	80-119		6.08	30	
1,1-Dichloroethylene	45		"	50.0		89.4	58-139		8.05	30	
1,1-Dichloropropylene	49		"	50.0		97.6	75-117		6.77	30	
1,2,3-Trichlorobenzene	55		"	50.0		110	72-133		7.78	30	
1,2,3-Trichloropropane	52		"	50.0		105	82-117		12.0	30	
1,2,4-Trichlorobenzene	58		"	50.0		115	69-135		6.47	30	
1,2,4-Trimethylbenzene	57		"	50.0		113	82-116		1.80	30	
1,2-Dibromo-3-chloropropane	58		"	50.0		117	72-131		16.5	30	
1,2-Dibromoethane	53		"	50.0		105	86-114		9.73	30	
1,2-Dichlorobenzene	52		"	50.0		104	85-114		4.83	30	
1,2-Dichloroethane	51		"	50.0		101	72-136		10.8	30	
1,2-Dichloropropane	54		"	50.0		108	79-119		8.81	30	
1,3,5-Trimethylbenzene	54		"	50.0		108	86-114		4.74	30	
1,3-Dichlorobenzene	52		"	50.0		105	84-114		4.43	30	
1,3-Dichloropropane	55		"	50.0		109	82-117		8.34	30	
1,4-Dichlorobenzene	52		"	50.0		104	82-116		9.08	30	
1,4-Dioxane	930		"	1000		93.2	10-208		7.15	30	
2,2-Dichloropropane	51		"	50.0		102	44-148		7.64	30	
2-Butanone	56		"	50.0		112	60-129		12.8	30	
2-Chlorotoluene	54		"	50.0		108	82-114		1.83	30	
4-Chlorotoluene	57		"	50.0		114	82-117		2.45	30	
Acetone	48		"	50.0		95.8	26-119		9.14	30	
Benzene	49		"	50.0		98.4	81-117		7.08	30	
Bromobenzene	60		"	50.0		120	85-114	High Bias	1.08	30	
Bromochloromethane	45		"	50.0		89.6	79-118		9.06	30	
Bromodichloromethane	52		"	50.0		105	88-123		13.1	30	
Bromoform	53		"	50.0		105	85-122		4.26	30	
Bromomethane	41		"	50.0		82.1	43-137		5.40	30	
Carbon tetrachloride	48		"	50.0		96.7	79-135		9.72	30	
Chlorobenzene	51		"	50.0		101	87-112		7.67	30	
Chloroethane	44		"	50.0		88.2	60-132		8.03	30	
Chloroform	50		"	50.0		100	80-126		6.74	30	
Chloromethane	50		"	50.0		101	36-133		6.71	30	
cis-1,2-Dichloroethylene	46		"	50.0		91.7	80-119		9.81	30	
cis-1,3-Dichloropropylene	54		"	50.0		107	87-125		8.50	30	
Dibromochloromethane	51		"	50.0		102	86-128		8.49	30	
Dibromomethane	50		"	50.0		99.1	85-121		11.9	30	
Dichlorodifluoromethane	48		"	50.0		96.4	10-156		8.42	30	
Ethyl Benzene	53		"	50.0		107	88-117		7.65	30	
Hexachlorobutadiene	59		"	50.0		118	82-129		3.40	30	
Isopropylbenzene	54		"	50.0		109	84-116		2.04	30	
Methyl tert-butyl ether (MTBE)	51		"	50.0		103	58-137		10.0	30	
Methylene chloride	52		"	50.0		105	47-140		9.22	30	
Naphthalene	57		"	50.0		113	65-143		4.98	30	
n-Butylbenzene	56		"	50.0		112	79-119		6.02	30	
n-Propylbenzene	57		"	50.0		113	82-116		0.860	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 BB40394 - EPA 5035A											
LCS Dup (BB40394-BSD1)								Prepared & Analyzed: 02/12/2014			
o-Xylene	53		ug/L	50.0		106	88-111		9.04	30	
p- & m- Xylenes	100		"	100		105	86-117		9.13	30	
p-Isopropyltoluene	56		"	50.0		111	84-120		2.56	30	
sec-Butylbenzene	56		"	50.0		111	85-119		4.02	30	
Styrene	49		"	50.0		98.3	85-119		7.05	30	
tert-Butylbenzene	54		"	50.0		108	84-119		1.98	30	
Tetrachloroethylene	47		"	50.0		93.5	74-127		10.7	30	
Toluene	51		"	50.0		103	83-114		8.03	30	
trans-1,2-Dichloroethylene	51		"	50.0		102	68-131		5.06	30	
trans-1,3-Dichloropropylene	54		"	50.0		109	81-127		11.2	30	
Trichloroethylene	51		"	50.0		101	84-118		6.94	30	
Trichlorofluoromethane	53		"	50.0		106	59-148		6.21	30	
Vinyl Chloride	46		"	50.0		91.1	46-133		9.41	30	
Vinyl acetate	55		"	50.0		109	10-84	High Bias	6.55	30	
Surrogate: 1,2-Dichloroethane-d4	*50.1*		*"*	*50.0*		*100*	*72-137*				
Surrogate: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.8*	*72-138*				
Surrogate: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*85-118*				
Batch BB40412 - EPA 5035A											
Blank (BB40412-BLK1)								Prepared & Analyzed: 02/12/2014			
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	2.7	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 BB40412 - EPA 5035A											
Blank (BB40412-BLK1)								Prepared & Analyzed: 02/12/2014			
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	ND	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	*47.0*		*ug/L*	*50.0*		*94.0*	*72-137*				
Surrogate: p-Bromofluorobenzene	*51.7*		*"*	*50.0*		*103*	*72-138*				
Surrogate: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-118*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB40412 - EPA 5035A											
LCS (BB40412-BS1)							Prepared & Analyzed: 02/12/2014				
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	91-113				
1,1,1-Trichloroethane	50		"	50.0		101	76-135				
1,1,2,2-Tetrachloroethane	49		"	50.0		98.6	82-119				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49		"	50.0		98.4	68-144				
1,1,2-Trichloroethane	50		"	50.0		99.1	82-114				
1,1-Dichloroethane	52		"	50.0		104	80-119				
1,1-Dichloroethylene	47		"	50.0		94.6	58-139				
1,1-Dichloropropylene	53		"	50.0		107	75-117				
1,2,3-Trichlorobenzene	58		"	50.0		116	72-133				
1,2,3-Trichloropropane	46		"	50.0		92.5	82-117				
1,2,4-Trichlorobenzene	57		"	50.0		115	69-135				
1,2,4-Trimethylbenzene	50		"	50.0		99.7	82-116				
1,2-Dibromo-3-chloropropane	45		"	50.0		90.2	72-131				
1,2-Dibromoethane	50		"	50.0		99.5	86-114				
1,2-Dichlorobenzene	48		"	50.0		96.0	85-114				
1,2-Dichloroethane	48		"	50.0		96.9	72-136				
1,2-Dichloropropane	50		"	50.0		99.5	79-119				
1,3,5-Trimethylbenzene	51		"	50.0		101	86-114				
1,3-Dichlorobenzene	49		"	50.0		98.5	84-114				
1,3-Dichloropropane	49		"	50.0		97.1	82-117				
1,4-Dichlorobenzene	50		"	50.0		99.8	82-116				
1,4-Dioxane	1200		"	1000		118	10-208				
2,2-Dichloropropane	51		"	50.0		103	44-148				
2-Butanone	57		"	50.0		114	60-129				
2-Chlorotoluene	50		"	50.0		100	82-114				
4-Chlorotoluene	50		"	50.0		99.1	82-117				
Acetone	64		"	50.0		129	26-119	High Bias			
Benzene	55		"	50.0		110	81-117				
Bromobenzene	45		"	50.0		89.7	85-114				
Bromochloromethane	51		"	50.0		102	79-118				
Bromodichloromethane	49		"	50.0		98.5	88-123				
Bromoform	48		"	50.0		96.1	85-122				
Bromomethane	50		"	50.0		100	43-137				
Carbon tetrachloride	49		"	50.0		98.0	79-135				
Chlorobenzene	51		"	50.0		101	87-112				
Chloroethane	52		"	50.0		104	60-132				
Chloroform	52		"	50.0		104	80-126				
Chloromethane	51		"	50.0		103	36-133				
cis-1,2-Dichloroethylene	54		"	50.0		108	80-119				
cis-1,3-Dichloropropylene	50		"	50.0		99.2	87-125				
Dibromochloromethane	34		"	50.0		67.8	86-128	Low Bias			
Dibromomethane	47		"	50.0		94.2	85-121				
Dichlorodifluoromethane	45		"	50.0		90.6	10-156				
Ethyl Benzene	51		"	50.0		101	88-117				
Hexachlorobutadiene	48		"	50.0		96.3	82-129				
Isopropylbenzene	50		"	50.0		100	84-116				
Methyl tert-butyl ether (MTBE)	50		"	50.0		100	58-137				
Methylene chloride	44		"	50.0		88.8	47-140				
Naphthalene	57		"	50.0		114	65-143				
n-Butylbenzene	53		"	50.0		105	79-119				
n-Propylbenzene	51		"	50.0		103	82-116				

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 BB40412 - EPA 5035A											
LCS (BB40412-BS1)								Prepared & Analyzed: 02/12/2014			
o-Xylene	50		ug/L	50.0		101	88-111				
p- & m- Xylenes	100		"	100		102	86-117				
p-Isopropyltoluene	51		"	50.0		102	84-120				
sec-Butylbenzene	51		"	50.0		101	85-119				
Styrene	50		"	50.0		99.5	85-119				
tert-Butylbenzene	49		"	50.0		97.2	84-119				
Tetrachloroethylene	47		"	50.0		94.6	74-127				
Toluene	51		"	50.0		103	83-114				
trans-1,2-Dichloroethylene	51		"	50.0		102	68-131				
trans-1,3-Dichloropropylene	49		"	50.0		98.0	81-127				
Trichloroethylene	49		"	50.0		98.3	84-118				
Trichlorofluoromethane	49		"	50.0		97.4	59-148				
Vinyl Chloride	53		"	50.0		107	46-133				
Vinyl acetate	51		"	50.0		103	10-84	High Bias			
Surrogate: 1,2-Dichloroethane-d4	*45.6*		*"*	*50.0*		*91.2*	*72-137*				
Surrogate: p-Bromofluorobenzene	*49.3*		*"*	*50.0*		*98.7*	*72-138*				
Surrogate: Toluene-d8	*49.4*		*"*	*50.0*		*98.9*	*85-118*				
LCS Dup (BB40412-BSD1)								Prepared & Analyzed: 02/12/2014			
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		103	91-113		1.02	30	
1,1,1-Trichloroethane	51		"	50.0		102	76-135		1.34	30	
1,1,2,2-Tetrachloroethane	50		"	50.0		99.6	82-119		1.01	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		101	68-144		2.23	30	
1,1,2-Trichloroethane	50		"	50.0		101	82-114		1.90	30	
1,1-Dichloroethane	53		"	50.0		107	80-119		2.62	30	
1,1-Dichloroethylene	48		"	50.0		96.4	58-139		1.86	30	
1,1-Dichloropropylene	53		"	50.0		106	75-117		1.03	30	
1,2,3-Trichlorobenzene	57		"	50.0		115	72-133		0.849	30	
1,2,3-Trichloropropane	48		"	50.0		96.5	82-117		4.21	30	
1,2,4-Trichlorobenzene	58		"	50.0		116	69-135		0.590	30	
1,2,4-Trimethylbenzene	51		"	50.0		103	82-116		2.79	30	
1,2-Dibromo-3-chloropropane	45		"	50.0		90.6	72-131		0.443	30	
1,2-Dibromoethane	50		"	50.0		99.4	86-114		0.0804	30	
1,2-Dichlorobenzene	50		"	50.0		99.2	85-114		3.24	30	
1,2-Dichloroethane	48		"	50.0		95.9	72-136		1.08	30	
1,2-Dichloropropane	51		"	50.0		103	79-119		3.36	30	
1,3,5-Trimethylbenzene	52		"	50.0		104	86-114		2.39	30	
1,3-Dichlorobenzene	50		"	50.0		100	84-114		1.81	30	
1,3-Dichloropropane	51		"	50.0		102	82-117		4.59	30	
1,4-Dichlorobenzene	51		"	50.0		102	82-116		2.69	30	
1,4-Dioxane	1200		"	1000		120	10-208		2.26	30	
2,2-Dichloropropane	52		"	50.0		104	44-148		0.581	30	
2-Butanone	50		"	50.0		99.5	60-129		13.9	30	
2-Chlorotoluene	51		"	50.0		102	82-114		2.51	30	
4-Chlorotoluene	51		"	50.0		101	82-117		2.18	30	
Acetone	52		"	50.0		103	26-119		21.9	30	
Benzene	56		"	50.0		112	81-117		2.05	30	
Bromobenzene	45		"	50.0		89.9	85-114		0.200	30	
Bromochloromethane	52		"	50.0		104	79-118		2.16	30	
Bromodichloromethane	49		"	50.0		97.4	88-123		1.14	30	
Bromoform	48		"	50.0		96.5	85-122		0.353	30	
Bromomethane	51		"	50.0		102	43-137		1.39	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 BB40412 - EPA 5035A											
LCS Dup (BB40412-BSD1)								Prepared & Analyzed: 02/12/2014			
Carbon tetrachloride	50		ug/L	50.0		99.3	79-135		1.26	30	
Chlorobenzene	51		"	50.0		103	87-112		1.33	30	
Chloroethane	53		"	50.0		106	60-132		1.39	30	
Chloroform	53		"	50.0		106	80-126		1.41	30	
Chloromethane	52		"	50.0		103	36-133		0.0971	30	
cis-1,2-Dichloroethylene	55		"	50.0		111	80-119		2.12	30	
cis-1,3-Dichloropropylene	51		"	50.0		101	87-125		1.90	30	
Dibromochloromethane	23		"	50.0		45.6	86-128	Low Bias	39.2	30	Non-dir.
Dibromomethane	49		"	50.0		98.2	85-121		4.12	30	
Dichlorodifluoromethane	46		"	50.0		92.2	10-156		1.82	30	
Ethyl Benzene	52		"	50.0		103	88-117		1.74	30	
Hexachlorobutadiene	47		"	50.0		94.8	82-129		1.55	30	
Isopropylbenzene	53		"	50.0		106	84-116		5.69	30	
Methyl tert-butyl ether (MTBE)	50		"	50.0		99.7	58-137		0.360	30	
Methylene chloride	45		"	50.0		90.3	47-140		1.74	30	
Naphthalene	55		"	50.0		110	65-143		3.35	30	
n-Butylbenzene	52		"	50.0		105	79-119		0.400	30	
n-Propylbenzene	53		"	50.0		106	82-116		3.40	30	
o-Xylene	51		"	50.0		102	88-111		1.48	30	
p- & m- Xylenes	100		"	100		103	86-117		1.07	30	
p-Isopropyltoluene	52		"	50.0		103	84-120		1.52	30	
sec-Butylbenzene	52		"	50.0		105	85-119		3.82	30	
Styrene	50		"	50.0		99.3	85-119		0.221	30	
tert-Butylbenzene	50		"	50.0		100	84-119		3.22	30	
Tetrachloroethylene	49		"	50.0		97.4	74-127		2.89	30	
Toluene	51		"	50.0		103	83-114		0.0975	30	
trans-1,2-Dichloroethylene	52		"	50.0		104	68-131		2.76	30	
trans-1,3-Dichloropropylene	48		"	50.0		95.9	81-127		2.21	30	
Trichloroethylene	50		"	50.0		100	84-118		2.11	30	
Trichlorofluoromethane	49		"	50.0		98.2	59-148		0.777	30	
Vinyl Chloride	55		"	50.0		110	46-133		2.86	30	
Vinyl acetate	50		"	50.0		100	10-84	High Bias	2.58	30	
Surrogate: 1,2-Dichloroethane-d4	*46.1*		*"*	*50.0*		*92.2*	*72-137*				
Surrogate: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*72-138*				
Surrogate: Toluene-d8	*48.8*		*"*	*50.0*		*97.7*	*85-118*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB40462 - EPA 5030B											
Blank (BB40462-BLK1)								Prepared & Analyzed: 02/13/2014			
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	3.2	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	4.8	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 BB40462 - EPA 5030B											
Blank (BB40462-BLK1)							Prepared & Analyzed: 02/13/2014				
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	*47.6*		*"*	*50.0*		*95.1*	*78-122*				
Surrogate: p-Bromofluorobenzene	*51.8*		*"*	*50.0*		*104*	*87-112*				
Surrogate: Toluene-d8	*49.3*		*"*	*50.0*		*98.7*	*91-110*				
LCS (BB40462-BS1)							Prepared & Analyzed: 02/13/2014				
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	90-116				
1,1,1-Trichloroethane	48		"	50.0		95.6	83-125				
1,1,2,2-Tetrachloroethane	51		"	50.0		103	84-122				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		99.3	66-141				
1,1,2-Trichloroethane	52		"	50.0		104	83-116				
1,1-Dichloroethane	50		"	50.0		100	82-121				
1,1-Dichloroethylene	47		"	50.0		94.3	59-135				
1,1-Dichloropropylene	49		"	50.0		97.4	81-112				
1,2,3-Trichlorobenzene	56		"	50.0		112	74-132				
1,2,3-Trichloropropane	50		"	50.0		101	83-118				
1,2,4-Trichlorobenzene	55		"	50.0		111	72-133				
1,2,4-Trimethylbenzene	52		"	50.0		105	82-119				
1,2-Dibromo-3-chloropropane	44		"	50.0		87.2	69-134				
1,2-Dibromoethane	52		"	50.0		104	85-118				
1,2-Dichlorobenzene	50		"	50.0		100	87-116				
1,2-Dichloroethane	47		"	50.0		94.6	79-125				
1,2-Dichloropropane	53		"	50.0		105	82-119				
1,3,5-Trimethylbenzene	51		"	50.0		102	84-120				
1,3-Dichlorobenzene	51		"	50.0		102	85-116				
1,3-Dichloropropane	52		"	50.0		105	86-114				
1,4-Dichlorobenzene	52		"	50.0		104	84-116				
2,2-Dichloropropane	44		"	50.0		88.4	56-138				
2-Butanone	45		"	50.0		90.0	59-127				
2-Chlorotoluene	53		"	50.0		107	82-117				
4-Chlorotoluene	49		"	50.0		97.8	84-118				
Acetone	36		"	50.0		72.6	30-112				
Benzene	52		"	50.0		104	88-113				
Bromobenzene	51		"	50.0		102	85-117				
Bromochloromethane	51		"	50.0		102	80-120				
Bromodichloromethane	50		"	50.0		100	87-122				
Bromoform	52		"	50.0		103	83-127				
Bromomethane	51		"	50.0		102	36-135				
Carbon tetrachloride	47		"	50.0		93.0	82-128				

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 BB40462 - EPA 5030B											
LCS (BB40462-BS1)							Prepared & Analyzed: 02/13/2014				
Chlorobenzene	51		ug/L	50.0		102	90-111				
Chloroethane	53		"	50.0		105	60-132				
Chloroform	50		"	50.0		101	89-116				
Chloromethane	54		"	50.0		109	39-131				
cis-1,2-Dichloroethylene	51		"	50.0		102	90-112				
cis-1,3-Dichloropropylene	50		"	50.0		99.4	89-124				
Dibromochloromethane	43		"	50.0		86.3	82-132				
Dibromomethane	50		"	50.0		100	83-124				
Dichlorodifluoromethane	53		"	50.0		106	10-143				
Ethyl Benzene	51		"	50.0		101	91-117				
Hexachlorobutadiene	47		"	50.0		94.6	83-129				
Isopropylbenzene	53		"	50.0		106	82-122				
Methyl tert-butyl ether (MTBE)	49		"	50.0		98.8	59-135				
Methylene chloride	46		"	50.0		91.8	51-136				
Naphthalene	57		"	50.0		113	61-147				
n-Butylbenzene	50		"	50.0		100	79-122				
n-Propylbenzene	52		"	50.0		105	80-123				
o-Xylene	50		"	50.0		100	91-110				
p- & m- Xylenes	100		"	100		99.7	86-118				
p-Isopropyltoluene	51		"	50.0		102	83-125				
sec-Butylbenzene	51		"	50.0		102	82-127				
Styrene	49		"	50.0		98.9	88-121				
tert-Butylbenzene	53		"	50.0		106	70-130				
Tetrachloroethylene	59		"	50.0		119	67-138				
Toluene	51		"	50.0		102	88-113				
trans-1,2-Dichloroethylene	50		"	50.0		101	73-123				
trans-1,3-Dichloropropylene	46		"	50.0		92.2	85-123				
Trichloroethylene	50		"	50.0		101	83-120				
Trichlorofluoromethane	46		"	50.0		92.0	62-138				
Vinyl Chloride	55		"	50.0		110	49-127				
Vinyl acetate	47		"	50.0		94.5	21-90	High Bias			
Surrogate: 1,2-Dichloroethane-d4	*46.2*		*"*	*50.0*		*92.3*	*78-122*				
Surrogate: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.0*	*87-112*				
Surrogate: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*91-110*				

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 BB40462 - EPA 5030B											
LCS Dup (BB40462-BSD1)							Prepared & Analyzed: 02/13/2014				
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		104	90-116		1.84	30	
1,1,1-Trichloroethane	46		"	50.0		92.2	83-125		3.60	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		98.5	84-122		4.39	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48		"	50.0		95.5	66-141		3.92	30	
1,1,2-Trichloroethane	50		"	50.0		100	83-116		3.54	30	
1,1-Dichloroethane	49		"	50.0		98.9	82-121		1.33	30	
1,1-Dichloroethylene	46		"	50.0		92.5	59-135		1.93	30	
1,1-Dichloropropylene	48		"	50.0		95.9	81-112		1.59	30	
1,2,3-Trichlorobenzene	52		"	50.0		104	74-132		7.40	30	
1,2,3-Trichloropropane	47		"	50.0		94.3	83-118		6.72	30	
1,2,4-Trichlorobenzene	50		"	50.0		99.6	72-133		10.7	30	
1,2,4-Trimethylbenzene	51		"	50.0		102	82-119		2.81	30	
1,2-Dibromo-3-chloropropane	46		"	50.0		92.7	69-134		6.07	30	
1,2-Dibromoethane	52		"	50.0		103	85-118		0.715	30	
1,2-Dichlorobenzene	49		"	50.0		97.6	87-116		2.47	30	
1,2-Dichloroethane	46		"	50.0		91.6	79-125		3.18	30	
1,2-Dichloropropane	52		"	50.0		105	82-119		0.305	30	
1,3,5-Trimethylbenzene	51		"	50.0		103	84-120		0.410	30	
1,3-Dichlorobenzene	49		"	50.0		97.1	85-116		5.12	30	
1,3-Dichloropropane	52		"	50.0		104	86-114		1.08	30	
1,4-Dichlorobenzene	49		"	50.0		98.6	84-116		5.33	30	
2,2-Dichloropropane	43		"	50.0		86.2	56-138		2.52	30	
2-Butanone	42		"	50.0		84.8	59-127		5.97	30	
2-Chlorotoluene	53		"	50.0		106	82-117		0.601	30	
4-Chlorotoluene	49		"	50.0		97.8	84-118		0.0409	30	
Acetone	39		"	50.0		78.6	30-112		7.91	30	
Benzene	50		"	50.0		100	88-113		3.14	30	
Bromobenzene	50		"	50.0		99.9	85-117		2.04	30	
Bromochloromethane	49		"	50.0		98.2	80-120		3.64	30	
Bromodichloromethane	50		"	50.0		100	87-122		0.259	30	
Bromoform	51		"	50.0		101	83-127		1.58	30	
Bromomethane	50		"	50.0		99.9	36-135		2.16	30	
Carbon tetrachloride	45		"	50.0		91.0	82-128		2.22	30	
Chlorobenzene	49		"	50.0		98.8	90-111		3.01	30	
Chloroethane	51		"	50.0		103	60-132		2.36	30	
Chloroform	49		"	50.0		98.5	89-116		2.53	30	
Chloromethane	52		"	50.0		104	39-131		5.03	30	
cis-1,2-Dichloroethylene	50		"	50.0		101	90-112		1.28	30	
cis-1,3-Dichloropropylene	51		"	50.0		102	89-124		2.15	30	
Dibromochloromethane	45		"	50.0		90.0	82-132		4.22	30	
Dibromomethane	49		"	50.0		98.3	83-124		1.81	30	
Dichlorodifluoromethane	49		"	50.0		98.5	10-143		7.30	30	
Ethyl Benzene	49		"	50.0		98.6	91-117		2.62	30	
Hexachlorobutadiene	45		"	50.0		89.3	83-129		5.77	30	
Isopropylbenzene	51		"	50.0		103	82-122		2.70	30	
Methyl tert-butyl ether (MTBE)	48		"	50.0		96.0	59-135		2.92	30	
Methylene chloride	46		"	50.0		92.8	51-136		1.13	30	
Naphthalene	53		"	50.0		106	61-147		7.03	30	
n-Butylbenzene	50		"	50.0		99.1	79-122		0.904	30	
n-Propylbenzene	50		"	50.0		99.1	80-123		5.76	30	
o-Xylene	49		"	50.0		98.5	91-110		1.83	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 BB40462 - EPA 5030B											
LCS Dup (BB40462-BSD1)							Prepared & Analyzed: 02/13/2014				
p- & m- Xylenes	96		ug/L	100		96.3	86-118		3.42	30	
p-Isopropyltoluene	49		"	50.0		97.8	83-125		4.62	30	
sec-Butylbenzene	50		"	50.0		101	82-127		1.67	30	
Styrene	49		"	50.0		97.7	88-121		1.18	30	
tert-Butylbenzene	48		"	50.0		95.1	70-130		10.9	30	
Tetrachloroethylene	63		"	50.0		126	67-138		5.80	30	
Toluene	51		"	50.0		102	88-113		0.0587	30	
trans-1,2-Dichloroethylene	49		"	50.0		97.9	73-123		2.74	30	
trans-1,3-Dichloropropylene	46		"	50.0		91.5	85-123		0.740	30	
Trichloroethylene	52		"	50.0		103	83-120		2.14	30	
Trichlorofluoromethane	46		"	50.0		91.2	62-138		0.895	30	
Vinyl Chloride	52		"	50.0		105	49-127		4.57	30	
Vinyl acetate	42		"	50.0		83.9	21-90		11.9	30	
Surrogate: 1,2-Dichloroethane-d4	*45.4*		*"*	*50.0*		*90.9*	*78-122*				
Surrogate: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.0*	*87-112*				
Surrogate: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*91-110*				

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 BB40385 - EPA 3550C											
Blank (BB40385-BLK1)								Prepared & Analyzed: 02/12/2014			
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 BB40385 - EPA 3550C											
Blank (BB40385-BLK1)							Prepared & Analyzed: 02/12/2014				
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	*1450*		*"*	*2520*		*57.5*	*10-109*				
Surrogate: Phenol-d5	*1520*		*"*	*2520*		*60.6*	*10-124*				
Surrogate: Nitrobenzene-d5	*1000*		*"*	*1700*		*59.1*	*10-148*				
Surrogate: 2-Fluorobiphenyl	*1110*		*"*	*1690*		*65.3*	*10-111*				
Surrogate: 2,4,6-Tribromophenol	*2120*		*"*	*2480*		*85.6*	*10-142*				
Surrogate: Terphenyl-d14	*1010*		*"*	*1690*		*59.5*	*10-147*				
LCS (BB40385-BS1)							Prepared & Analyzed: 02/12/2014				
Acenaphthene	785	167	ug/kg wet	1670		47.1	35-127				
Acenaphthylene	810	167	"	1670		48.6	37-121				
Aniline	550	167	"	1670		33.0	10-149				
Anthracene	860	167	"	1670		51.6	38-131				
Benzo(a)anthracene	849	167	"	1670		50.9	37-137				
Benzo(a)pyrene	960	167	"	1670		57.6	33-162				
Benzo(b)fluoranthene	967	167	"	1670		58.0	26-160				
Benzo(g,h,i)perylene	689	167	"	1670		41.4	10-154				
Benzo(k)fluoranthene	1030	167	"	1670		61.8	34-143				
Benzyl alcohol	769	167	"	1670		46.2	33-124				
Benzyl butyl phthalate	627	167	"	1670		37.6	30-143				
4-Bromophenyl phenyl ether	1050	167	"	1670		62.8	35-135				
4-Chloro-3-methylphenol	868	167	"	1670		52.1	34-133				
4-Chloroaniline	459	167	"	1670		27.6	17-175				
Bis(2-chloroethoxy)methane	807	167	"	1670		48.4	31-119				
Bis(2-chloroethyl)ether	772	167	"	1670		46.3	18-124				
Bis(2-chloroisopropyl)ether	898	167	"	1670		53.9	10-141				
2-Chloronaphthalene	807	167	"	1670		48.4	34-117				
2-Chlorophenol	820	167	"	1670		49.2	32-123				
4-Chlorophenyl phenyl ether	930	167	"	1670		55.8	25-142				
Chrysene	792	167	"	1670		47.5	38-132				
Dibenzo(a,h)anthracene	789	167	"	1670		47.3	14-153				
Dibenzofuran	870	167	"	1670		52.2	39-123				
Di-n-butyl phthalate	831	167	"	1670		49.9	35-132				
1,3-Dichlorobenzene	875	167	"	1670		52.5	22-120				
1,4-Dichlorobenzene	828	167	"	1670		49.7	20-122				
1,2-Dichlorobenzene	791	167	"	1670		47.5	22-121				

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 BB40385 - EPA 3550C											
LCS (BB40385-BS1)							Prepared & Analyzed: 02/12/2014				
3,3'-Dichlorobenzidine	576	333	ug/kg wet	1670		34.5	16-177				
2,4-Dichlorophenol	971	167	"	1670		58.3	30-134				
Diethyl phthalate	770	167	"	1670		46.2	41-125				
2,4-Dimethylphenol	863	167	"	1670		51.8	33-120				
Dimethyl phthalate	869	167	"	1670		52.1	39-125				
4,6-Dinitro-2-methylphenol	ND	167	"	1670			10-165	Low Bias			
2,4-Dinitrophenol	ND	333	"	1670			53-209	Low Bias			
2,4-Dinitrotoluene	762	167	"	1670		45.7	41-129				
2,6-Dinitrotoluene	812	167	"	1670		48.7	42-130				
Di-n-octyl phthalate	764	167	"	1670		45.8	19-162				
Bis(2-ethylhexyl)phthalate	608	167	"	1670		36.5	35-137				
Fluoranthene	990	167	"	1670		59.4	35-136				
Fluorene	854	167	"	1670		51.3	33-134				
Hexachlorobenzene	752	167	"	1670		45.1	31-139				
Hexachlorobutadiene	1130	167	"	1670		67.9	19-137				
Hexachlorocyclopentadiene	91.7	167	"	1670		5.50	10-145	Low Bias			
Hexachloroethane	717	167	"	1670		43.0	12-125				
Indeno(1,2,3-cd)pyrene	758	167	"	1670		45.5	11-155				
Isophorone	817	167	"	1670		49.0	30-125				
2-Methylnaphthalene	863	167	"	1670		51.8	30-125				
2-Methylphenol	712	167	"	1670		42.7	30-128				
3- & 4-Methylphenols	815	167	"	1670		48.9	30-120				
Naphthalene	830	167	"	1670		49.8	28-121				
3-Nitroaniline	786	167	"	1670		47.2	10-234				
2-Nitroaniline	843	167	"	1670		50.6	38-130				
4-Nitroaniline	850	167	"	1670		51.0	10-208				
Nitrobenzene	893	167	"	1670		53.6	28-118				
2-Nitrophenol	534	167	"	1670		32.0	23-129				
4-Nitrophenol	704	167	"	1670		42.3	10-185				
N-nitroso-di-n-propylamine	820	167	"	1670		49.2	21-136				
N-Nitrosodimethylamine	811	167	"	1670		48.7	10-131				
N-Nitrosodiphenylamine	997	167	"	1670		59.8	36-163				
Pentachlorophenol	550	167	"	1670		33.0	15-182				
Phenanthrene	819	167	"	1670		49.2	37-132				
Phenol	788	167	"	1670		47.3	28-124				
Pyrene	805	167	"	1670		48.3	30-147				
Pyridine	732	167	"	1670		43.9	10-113				
1,2,4-Trichlorobenzene	911	167	"	1670		54.7	22-129				
2,4,6-Trichlorophenol	858	167	"	1670		51.5	36-130				
2,4,5-Trichlorophenol	780	167	"	1670		46.8	34-126				
Surrogate: 2-Fluorophenol	*1630*		*"*	*2520*		*64.6*	*10-109*				
Surrogate: Phenol-d5	*1550*		*"*	*2520*		*61.6*	*10-124*				
Surrogate: Nitrobenzene-d5	*1150*		*"*	*1700*		*67.8*	*10-148*				
Surrogate: 2-Fluorobiphenyl	*1110*		*"*	*1690*		*65.5*	*10-111*				
Surrogate: 2,4,6-Tribromophenol	*2470*		*"*	*2480*		*99.6*	*10-142*				
Surrogate: Terphenyl-d14	*1120*		*"*	*1690*		*66.4*	*10-147*				

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 BB40385 - EPA 3550C											
LCS Dup (BB40385-BSD1)								Prepared & Analyzed: 02/12/2014			
Acenaphthene	612	167	ug/kg wet	1670		36.7	35-127		24.8	30	
Acenaphthylene	601	167	"	1670		36.1	37-121	Low Bias	29.6	30	
Aniline	435	167	"	1670		26.1	10-149		23.4	30	
Anthracene	678	167	"	1670		40.7	38-131		23.6	30	
Benzo(a)anthracene	650	167	"	1670		39.0	37-137		26.6	30	
Benzo(a)pyrene	701	167	"	1670		42.1	33-162		31.1	30	Non-dir.
Benzo(b)fluoranthene	709	167	"	1670		42.5	26-160		30.8	30	Non-dir.
Benzo(g,h,i)perylene	511	167	"	1670		30.6	10-154		29.8	30	
Benzo(k)fluoranthene	759	167	"	1670		45.5	34-143		30.3	30	Non-dir.
Benzyl alcohol	584	167	"	1670		35.1	33-124		27.3	30	
Benzyl butyl phthalate	463	167	"	1670		27.8	30-143	Low Bias	30.0	30	
4-Bromophenyl phenyl ether	838	167	"	1670		50.3	35-135		22.2	30	
4-Chloro-3-methylphenol	648	167	"	1670		38.9	34-133		29.1	30	
4-Chloroaniline	360	167	"	1670		21.6	17-175		24.2	30	
Bis(2-chloroethoxy)methane	588	167	"	1670		35.3	31-119		31.4	30	Non-dir.
Bis(2-chloroethyl)ether	550	167	"	1670		33.0	18-124		33.6	30	Non-dir.
Bis(2-chloroisopropyl)ether	704	167	"	1670		42.3	10-141		24.1	30	
2-Chloronaphthalene	618	167	"	1670		37.1	34-117		26.6	30	
2-Chlorophenol	607	167	"	1670		36.4	32-123		29.8	30	
4-Chlorophenyl phenyl ether	754	167	"	1670		45.3	25-142		20.8	30	
Chrysene	601	167	"	1670		36.1	38-132	Low Bias	27.4	30	
Dibenzo(a,h)anthracene	551	167	"	1670		33.1	14-153		35.5	30	Non-dir.
Dibenzofuran	676	167	"	1670		40.5	39-123		25.1	30	
Di-n-butyl phthalate	686	167	"	1670		41.2	35-132		19.1	30	
1,3-Dichlorobenzene	666	167	"	1670		40.0	22-120		27.1	30	
1,4-Dichlorobenzene	611	167	"	1670		36.7	20-122		30.2	30	Non-dir.
1,2-Dichlorobenzene	610	167	"	1670		36.6	22-121		25.9	30	
3,3'-Dichlorobenzidine	425	333	"	1670		25.5	16-177		30.0	30	
2,4-Dichlorophenol	732	167	"	1670		43.9	30-134		28.1	30	
Diethyl phthalate	610	167	"	1670		36.6	41-125	Low Bias	23.1	30	
2,4-Dimethylphenol	619	167	"	1670		37.1	33-120		32.9	30	Non-dir.
Dimethyl phthalate	633	167	"	1670		38.0	39-125	Low Bias	31.5	30	Non-dir.
4,6-Dinitro-2-methylphenol	ND	167	"	1670			10-165	Low Bias		30	
2,4-Dinitrophenol	ND	333	"	1670			53-209	Low Bias		30	
2,4-Dinitrotoluene	578	167	"	1670		34.7	41-129	Low Bias	27.5	30	
2,6-Dinitrotoluene	604	167	"	1670		36.2	42-130	Low Bias	29.4	30	
Di-n-octyl phthalate	570	167	"	1670		34.2	19-162		29.0	30	
Bis(2-ethylhexyl)phthalate	469	167	"	1670		28.1	35-137	Low Bias	25.9	30	
Fluoranthene	788	167	"	1670		47.3	35-136		22.8	30	
Fluorene	685	167	"	1670		41.1	33-134		22.0	30	
Hexachlorobenzene	577	167	"	1670		34.6	31-139		26.4	30	
Hexachlorobutadiene	858	167	"	1670		51.5	19-137		27.5	30	
Hexachlorocyclopentadiene	ND	167	"	1670			10-145	Low Bias		30	
Hexachloroethane	523	167	"	1670		31.4	12-125		31.3	30	Non-dir.
Indeno(1,2,3-cd)pyrene	542	167	"	1670		32.5	11-155		33.3	30	Non-dir.
Isophorone	605	167	"	1670		36.3	30-125		29.8	30	
2-Methylnaphthalene	649	167	"	1670		38.9	30-125		28.3	30	
2-Methylphenol	561	167	"	1670		33.7	30-128		23.8	30	
3- & 4-Methylphenols	473	167	"	1670		28.4	30-120	Low Bias	53.0	30	Non-dir.
Naphthalene	641	167	"	1670		38.5	28-121		25.6	30	
3-Nitroaniline	577	167	"	1670		34.6	10-234		30.7	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 BB40385 - EPA 3550C											
LCS Dup (BB40385-BSD1)								Prepared & Analyzed: 02/12/2014			
2-Nitroaniline	624	167	ug/kg wet	1670		37.4	38-130	Low Bias	29.9	30	
4-Nitroaniline	649	167	"	1670		39.0	10-208		26.7	30	
Nitrobenzene	667	167	"	1670		40.0	28-118		29.0	30	
2-Nitrophenol	397	167	"	1670		23.8	23-129		29.5	30	
4-Nitrophenol	482	167	"	1670		28.9	10-185		37.5	30	Non-dir.
N-nitroso-di-n-propylamine	628	167	"	1670		37.7	21-136		26.4	30	
N-Nitrosodimethylamine	592	167	"	1670		35.5	10-131		31.2	30	Non-dir.
N-Nitrosodiphenylamine	783	167	"	1670		47.0	36-163		24.0	30	
Pentachlorophenol	325	167	"	1670		19.5	15-182		51.5	30	Non-dir.
Phenanthrene	661	167	"	1670		39.7	37-132		21.3	30	
Phenol	609	167	"	1670		36.5	28-124		25.7	30	
Pyrene	613	167	"	1670		36.8	30-147		27.1	30	
Pyridine	630	167	"	1670		37.8	10-113		14.9	30	
1,2,4-Trichlorobenzene	670	167	"	1670		40.2	22-129		30.5	30	Non-dir.
2,4,6-Trichlorophenol	667	167	"	1670		40.0	36-130		25.0	30	
2,4,5-Trichlorophenol	564	167	"	1670		33.9	34-126	Low Bias	32.1	30	Non-dir.
Surrogate: 2-Fluorophenol	*1320*		*"*	*2520*		*52.5*	*10-109*				
Surrogate: Phenol-d5	*1260*		*"*	*2520*		*49.9*	*10-124*				
Surrogate: Nitrobenzene-d5	*885*		*"*	*1700*		*52.1*	*10-148*				
Surrogate: 2-Fluorobiphenyl	*898*		*"*	*1690*		*53.0*	*10-111*				
Surrogate: 2,4,6-Tribromophenol	*1930*		*"*	*2480*		*78.0*	*10-142*				
Surrogate: Terphenyl-d14	*899*		*"*	*1690*		*53.2*	*10-147*				
Batch BB40393 - EPA 3510C											
Blank (BB40393-BLK1)								Prepared & Analyzed: 02/12/2014			
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 BB40393 - EPA 3510C											
Blank (BB40393-BLK1)								Prepared & Analyzed: 02/12/2014			
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	*23.6*		*"*	*75.6*		*31.2*	*10-52*				
Surrogate: Phenol-d5	*13.8*		*"*	*75.5*		*18.2*	*10-117*				
Surrogate: Nitrobenzene-d5	*37.5*		*"*	*51.0*		*73.5*	*12-112*				
Surrogate: 2-Fluorobiphenyl	*35.7*		*"*	*50.8*		*70.3*	*14-101*				
Surrogate: 2,4,6-Tribromophenol	*69.2*		*"*	*74.4*		*93.0*	*17-127*				
Surrogate: Terphenyl-d14	*48.2*		*"*	*50.7*		*95.0*	*10-151*				

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 BB40393 - EPA 3510C											
Blank (BB40393-BLK2)								Prepared & Analyzed: 02/12/2014			
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	"								
3,3'-Dichlorobenzidine	ND	10.0	"								
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	"								

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 BB40393 - EPA 3510C											
Blank (BB40393-BLK2)							Prepared & Analyzed: 02/12/2014				
3-Nitroaniline	ND	10.0	ug/L								
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	*69.0*		*"*	*151*		*45.6*	*10-52*				
Surrogate: Phenol-d5	*50.4*		*"*	*151*		*33.4*	*10-117*				
Surrogate: Nitrobenzene-d5	*69.3*		*"*	*102*		*68.0*	*12-112*				
Surrogate: 2-Fluorobiphenyl	*64.6*		*"*	*102*		*63.6*	*14-101*				
Surrogate: 2,4,6-Tribromophenol	*150*		*"*	*149*		*101*	*17-127*				
Surrogate: Terphenyl-d14	*93.4*		*"*	*101*		*92.1*	*10-151*				
LCS (BB40393-BS1)							Prepared & Analyzed: 02/12/2014				
Acenaphthene	43.4	5.00	ug/L	50.0		86.8	31-101				
Acenaphthylene	41.2	5.00	"	50.0		82.4	29-98				
Aniline	29.3	5.00	"	50.0		58.5	10-132				
Anthracene	47.6	5.00	"	50.0		95.3	24-108				
Benzo(a)anthracene	44.8	5.00	"	50.0		89.6	28-117				
Benzo(a)pyrene	62.6	5.00	"	50.0		125	24-131				
Benzo(b)fluoranthene	63.4	5.00	"	50.0		127	11-145				
Benzo(g,h,i)perylene	27.6	5.00	"	50.0		55.2	10-110				
Benzo(k)fluoranthene	63.5	5.00	"	50.0		127	10-161				
Benzyl alcohol	25.9	5.00	"	50.0		51.8	11-82				
Benzyl butyl phthalate	45.8	5.00	"	50.0		91.6	14-134				
4-Bromophenyl phenyl ether	52.5	5.00	"	50.0		105	28-109				
4-Chloro-3-methylphenol	39.1	5.00	"	50.0		78.1	23-100				
4-Chloroaniline	52.5	5.00	"	50.0		105	17-168				
Bis(2-chloroethoxy)methane	41.1	5.00	"	50.0		82.1	23-106				
Bis(2-chloroethyl)ether	40.9	5.00	"	50.0		81.8	14-116				
Bis(2-chloroisopropyl)ether	40.9	5.00	"	50.0		81.7	10-155				
2-Chloronaphthalene	42.1	5.00	"	50.0		84.2	32-94				
2-Chlorophenol	32.9	5.00	"	50.0		65.9	16-99				
4-Chlorophenyl phenyl ether	39.9	5.00	"	50.0		79.8	26-113				
Chrysene	36.7	5.00	"	50.0		73.4	26-112				
Dibenzo(a,h)anthracene	37.3	5.00	"	50.0		74.6	12-104				
Dibenzofuran	43.8	5.00	"	50.0		87.5	36-96				
Di-n-butyl phthalate	46.4	5.00	"	50.0		92.9	20-119				
1,4-Dichlorobenzene	36.9	5.00	"	50.0		73.7	20-100				
1,3-Dichlorobenzene	34.3	5.00	"	50.0		68.6	19-94				
1,2-Dichlorobenzene	36.8	5.00	"	50.0		73.6	22-97				

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 BB40393 - EPA 3510C											
LCS (BB40393-BS1)							Prepared & Analyzed: 02/12/2014				
3,3'-Dichlorobenzidine	45.9	5.00	ug/L	50.0		91.7	25-154				
2,4-Dichlorophenol	39.8	5.00	"	50.0		79.6	28-97				
Diethyl phthalate	44.6	5.00	"	50.0		89.1	34-104				
2,4-Dimethylphenol	37.0	5.00	"	50.0		73.9	23-94				
Dimethyl phthalate	42.4	5.00	"	50.0		84.9	33-104				
4,6-Dinitro-2-methylphenol	23.9	5.00	"	50.0		47.9	10-133				
2,4-Dinitrophenol	17.9	5.00	"	50.0		35.8	10-145				
2,4-Dinitrotoluene	43.9	5.00	"	50.0		87.9	32-104				
2,6-Dinitrotoluene	46.1	5.00	"	50.0		92.1	34-105				
Di-n-octyl phthalate	50.2	5.00	"	50.0		100	10-144				
Bis(2-ethylhexyl)phthalate	33.8	5.00	"	50.0		67.7	10-171				
Fluoranthene	49.2	5.00	"	50.0		98.3	27-110				
Fluorene	39.8	5.00	"	50.0		79.6	32-107				
Hexachlorobenzene	45.4	5.00	"	50.0		90.9	16-127				
Hexachlorobutadiene	37.3	5.00	"	50.0		74.7	22-95				
Hexachlorocyclopentadiene	17.0	5.00	"	50.0		33.9	10-101				
Hexachloroethane	32.2	5.00	"	50.0		64.5	10-99				
Indeno(1,2,3-cd)pyrene	35.9	5.00	"	50.0		71.8	10-107				
Isophorone	42.8	5.00	"	50.0		85.5	19-119				
2-Methylnaphthalene	42.2	5.00	"	50.0		84.4	27-97				
2-Methylphenol	25.9	5.00	"	50.0		51.7	10-88				
3- & 4-Methylphenols	25.0	5.00	"	50.0		50.0	10-71				
Naphthalene	38.4	5.00	"	50.0		76.9	27-95				
4-Nitroaniline	42.2	5.00	"	50.0		84.3	10-139				
3-Nitroaniline	48.5	5.00	"	50.0		97.0	10-221				
2-Nitroaniline	44.2	5.00	"	50.0		88.3	33-106				
Nitrobenzene	41.4	5.00	"	50.0		82.8	16-114				
4-Nitrophenol	13.3	5.00	"	50.0		26.6	10-55				
2-Nitrophenol	38.4	5.00	"	50.0		76.8	24-101				
N-nitroso-di-n-propylamine	44.6	5.00	"	50.0		89.1	14-133				
N-Nitrosodimethylamine	12.5	5.00	"	50.0		24.9	10-77				
N-Nitrosodiphenylamine	56.7	5.00	"	50.0		113	39-123				
Pentachlorophenol	41.9	5.00	"	50.0		83.7	15-150				
Phenanthrene	47.1	5.00	"	50.0		94.1	26-109				
Phenol	12.4	5.00	"	50.0		24.9	10-57				
Pyrene	47.6	5.00	"	50.0		95.1	23-126				
Pyridine	ND	5.00	"	50.0			10-69	Low Bias			
1,2,4-Trichlorobenzene	37.1	5.00	"	50.0		74.2	25-91				
2,4,5-Trichlorophenol	44.2	5.00	"	50.0		88.4	30-102				
2,4,6-Trichlorophenol	44.2	5.00	"	50.0		88.5	34-100				
Surrogate: 2-Fluorophenol	*27.0*		*"*	*75.6*		*35.7*	*10-52*				
Surrogate: Phenol-d5	*17.5*		*"*	*75.5*		*23.1*	*10-117*				
Surrogate: Nitrobenzene-d5	*41.3*		*"*	*51.0*		*80.9*	*12-112*				
Surrogate: 2-Fluorobiphenyl	*37.9*		*"*	*50.8*		*74.7*	*14-101*				
Surrogate: 2,4,6-Tribromophenol	*99.8*		*"*	*74.4*		*134*	*17-127*				
Surrogate: Terphenyl-d14	*52.7*		*"*	*50.7*		*104*	*10-151*				

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 BB40393 - EPA 3510C											
LCS Dup (BB40393-BSD1)							Prepared & Analyzed: 02/12/2014				
Acenaphthene	38.6	5.00	ug/L	50.0		77.2	31-101		11.7	20	
Acenaphthylene	36.6	5.00	"	50.0		73.1	29-98		11.9	20	
Aniline	26.8	5.00	"	50.0		53.6	10-132		8.85	20	
Anthracene	41.1	5.00	"	50.0		82.1	24-108		14.8	20	
Benzo(a)anthracene	40.3	5.00	"	50.0		80.7	28-117		10.5	20	
Benzo(a)pyrene	49.4	5.00	"	50.0		98.9	24-131		23.5	20	Non-dir.
Benzo(b)fluoranthene	55.4	5.00	"	50.0		111	11-145		13.5	20	
Benzo(g,h,i)perylene	23.5	5.00	"	50.0		47.0	10-110		16.1	20	
Benzo(k)fluoranthene	56.0	5.00	"	50.0		112	10-161		12.6	20	
Benzyl alcohol	21.9	5.00	"	50.0		43.8	11-82		16.8	20	
Benzyl butyl phthalate	40.5	5.00	"	50.0		81.0	14-134		12.3	20	
4-Bromophenyl phenyl ether	45.7	5.00	"	50.0		91.4	28-109		13.9	20	
4-Chloro-3-methylphenol	33.6	5.00	"	50.0		67.3	23-100		14.9	20	
4-Chloroaniline	49.0	5.00	"	50.0		98.0	17-168		6.89	20	
Bis(2-chloroethoxy)methane	36.6	5.00	"	50.0		73.1	23-106		11.6	20	
Bis(2-chloroethyl)ether	35.5	5.00	"	50.0		71.0	14-116		14.1	20	
Bis(2-chloroisopropyl)ether	36.6	5.00	"	50.0		73.3	10-155		10.9	20	
2-Chloronaphthalene	36.8	5.00	"	50.0		73.6	32-94		13.4	20	
2-Chlorophenol	28.1	5.00	"	50.0		56.2	16-99		15.9	20	
4-Chlorophenyl phenyl ether	36.0	5.00	"	50.0		72.0	26-113		10.3	20	
Chrysene	31.7	5.00	"	50.0		63.3	26-112		14.8	20	
Dibenzo(a,h)anthracene	32.1	5.00	"	50.0		64.3	12-104		14.8	20	
Dibenzofuran	30.2	5.00	"	50.0		60.5	36-96		36.5	20	Non-dir.
Di-n-butyl phthalate	40.7	5.00	"	50.0		81.4	20-119		13.2	20	
1,4-Dichlorobenzene	32.6	5.00	"	50.0		65.2	20-100		12.3	20	
1,3-Dichlorobenzene	30.7	5.00	"	50.0		61.4	19-94		11.0	20	
1,2-Dichlorobenzene	32.8	5.00	"	50.0		65.5	22-97		11.6	20	
3,3'-Dichlorobenzidine	42.2	5.00	"	50.0		84.4	25-154		8.29	20	
2,4-Dichlorophenol	34.6	5.00	"	50.0		69.2	28-97		14.1	20	
Diethyl phthalate	39.5	5.00	"	50.0		79.0	34-104		12.1	20	
2,4-Dimethylphenol	32.2	5.00	"	50.0		64.4	23-94		13.8	20	
Dimethyl phthalate	38.3	5.00	"	50.0		76.6	33-104		10.3	20	
4,6-Dinitro-2-methylphenol	24.2	5.00	"	50.0		48.3	10-133		0.957	20	
2,4-Dinitrophenol	18.4	5.00	"	50.0		36.8	10-145		2.59	20	
2,4-Dinitrotoluene	39.4	5.00	"	50.0		78.7	32-104		11.0	20	
2,6-Dinitrotoluene	40.4	5.00	"	50.0		80.7	34-105		13.2	20	
Di-n-octyl phthalate	45.8	5.00	"	50.0		91.6	10-144		9.17	20	
Bis(2-ethylhexyl)phthalate	31.3	5.00	"	50.0		62.6	10-171		7.83	20	
Fluoranthene	42.6	5.00	"	50.0		85.1	27-110		14.4	20	
Fluorene	35.9	5.00	"	50.0		71.8	32-107		10.4	20	
Hexachlorobenzene	39.8	5.00	"	50.0		79.6	16-127		13.2	20	
Hexachlorobutadiene	34.5	5.00	"	50.0		69.1	22-95		7.79	20	
Hexachlorocyclopentadiene	14.0	5.00	"	50.0		27.9	10-101		19.3	20	
Hexachloroethane	29.2	5.00	"	50.0		58.3	10-99		10.0	20	
Indeno(1,2,3-cd)pyrene	30.5	5.00	"	50.0		61.1	10-107		16.1	20	
Isophorone	38.1	5.00	"	50.0		76.2	19-119		11.5	20	
2-Methylnaphthalene	37.6	5.00	"	50.0		75.1	27-97		11.7	20	
2-Methylphenol	21.9	5.00	"	50.0		43.7	10-88		16.8	20	
3- & 4-Methylphenols	21.4	5.00	"	50.0		42.8	10-71		15.5	20	
Naphthalene	34.5	5.00	"	50.0		69.0	27-95		10.8	20	
4-Nitroaniline	37.1	5.00	"	50.0		74.3	10-139		12.7	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 BB40393 - EPA 3510C											
LCS Dup (BB40393-BSD1)								Prepared & Analyzed: 02/12/2014			
3-Nitroaniline	43.2	5.00	ug/L	50.0		86.5	10-221		11.4	20	
2-Nitroaniline	39.1	5.00	"	50.0		78.2	33-106		12.2	20	
Nitrobenzene	36.7	5.00	"	50.0		73.4	16-114		12.1	20	
4-Nitrophenol	11.4	5.00	"	50.0		22.7	10-55		15.8	20	
2-Nitrophenol	34.3	5.00	"	50.0		68.6	24-101		11.2	20	
N-nitroso-di-n-propylamine	39.4	5.00	"	50.0		78.8	14-133		12.2	20	
N-Nitrosodimethylamine	11.6	5.00	"	50.0		23.2	10-77		7.40	20	
N-Nitrosodiphenylamine	49.4	5.00	"	50.0		98.8	39-123		13.7	20	
Pentachlorophenol	36.3	5.00	"	50.0		72.6	15-150		14.2	20	
Phenanthrene	41.0	5.00	"	50.0		81.9	26-109		13.9	20	
Phenol	10.4	5.00	"	50.0		20.8	10-57		18.0	20	
Pyrene	42.4	5.00	"	50.0		84.8	23-126		11.5	20	
Pyridine	ND	5.00	"	50.0			10-69	Low Bias		20	
1,2,4-Trichlorobenzene	32.7	5.00	"	50.0		65.4	25-91		12.7	20	
2,4,5-Trichlorophenol	38.0	5.00	"	50.0		75.9	30-102		15.2	20	
2,4,6-Trichlorophenol	39.2	5.00	"	50.0		78.4	34-100		12.1	20	
Surrogate: 2-Fluorophenol	*23.3*		*"*	*75.6*		*30.8*	*10-52*				
Surrogate: Phenol-d5	*15.0*		*"*	*75.5*		*19.9*	*10-117*				
Surrogate: Nitrobenzene-d5	*39.0*		*"*	*51.0*		*76.5*	*12-112*				
Surrogate: 2-Fluorobiphenyl	*36.6*		*"*	*50.8*		*72.1*	*14-101*				
Surrogate: 2,4,6-Tribromophenol	*91.1*		*"*	*74.4*		*122*	*17-127*				
Surrogate: Terphenyl-d14	*49.0*		*"*	*50.7*		*96.6*	*10-151*				
Batch BB40514 - EPA 3545A											
Blank (BB40514-BLK1)								Prepared: 02/14/2014 Analyzed: 02/17/2014			
Acenaphthene	ND	250	ug/kg wet								
Acenaphthylene	ND	250	"								
Aniline	ND	250	"								
Anthracene	ND	250	"								
Benzo(a)anthracene	ND	250	"								
Benzo(a)pyrene	ND	250	"								
Benzo(b)fluoranthene	ND	250	"								
Benzo(g,h,i)perylene	ND	250	"								
Benzo(k)fluoranthene	ND	250	"								
Benzyl alcohol	ND	250	"								
Benzyl butyl phthalate	ND	250	"								
4-Bromophenyl phenyl ether	ND	250	"								
4-Chloro-3-methylphenol	ND	250	"								
4-Chloroaniline	ND	250	"								
Bis(2-chloroethoxy)methane	ND	250	"								
Bis(2-chloroethyl)ether	ND	250	"								
Bis(2-chloroisopropyl)ether	ND	250	"								
2-Chloronaphthalene	ND	250	"								
2-Chlorophenol	ND	250	"								
4-Chlorophenyl phenyl ether	ND	250	"								
Chrysene	ND	250	"								
Dibenzo(a,h)anthracene	ND	250	"								
Dibenzofuran	ND	250	"								
Di-n-butyl phthalate	ND	250	"								
1,3-Dichlorobenzene	ND	250	"								
1,4-Dichlorobenzene	ND	250	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB40514 - EPA 3545A											
Blank (BB40514-BLK1)								Prepared: 02/14/2014 Analyzed: 02/17/2014			
1,2-Dichlorobenzene	ND	250	ug/kg wet								
3,3'-Dichlorobenzidine	ND	500	"								
2,4-Dichlorophenol	ND	250	"								
Diethyl phthalate	ND	250	"								
2,4-Dimethylphenol	ND	250	"								
Dimethyl phthalate	ND	250	"								
4,6-Dinitro-2-methylphenol	ND	250	"								
2,4-Dinitrophenol	ND	500	"								
2,4-Dinitrotoluene	ND	250	"								
2,6-Dinitrotoluene	ND	250	"								
Di-n-octyl phthalate	ND	250	"								
Bis(2-ethylhexyl)phthalate	ND	250	"								
Fluoranthene	ND	250	"								
Fluorene	ND	250	"								
Hexachlorobenzene	ND	250	"								
Hexachlorobutadiene	ND	250	"								
Hexachlorocyclopentadiene	ND	250	"								
Hexachloroethane	ND	250	"								
Indeno(1,2,3-cd)pyrene	ND	250	"								
Isophorone	ND	250	"								
2-Methylnaphthalene	ND	250	"								
2-Methylphenol	ND	250	"								
3- & 4-Methylphenols	ND	250	"								
Naphthalene	ND	250	"								
3-Nitroaniline	ND	250	"								
2-Nitroaniline	ND	250	"								
4-Nitroaniline	ND	250	"								
Nitrobenzene	ND	250	"								
2-Nitrophenol	ND	250	"								
4-Nitrophenol	ND	250	"								
N-nitroso-di-n-propylamine	ND	250	"								
N-Nitrosodimethylamine	ND	250	"								
N-Nitrosodiphenylamine	ND	250	"								
Pentachlorophenol	ND	250	"								
Phenanthrene	ND	250	"								
Phenol	ND	250	"								
Pyrene	ND	250	"								
Pyridine	ND	250	"								
1,2,4-Trichlorobenzene	ND	250	"								
2,4,6-Trichlorophenol	ND	250	"								
2,4,5-Trichlorophenol	ND	250	"								
Surrogate: 2-Fluorophenol	*2470*		*"*	*3780*		*65.3*	*10-109*				
Surrogate: Phenol-d5	*2400*		*"*	*3780*		*63.5*	*10-124*				
Surrogate: Nitrobenzene-d5	*1620*		*"*	*2550*		*63.4*	*10-148*				
Surrogate: 2-Fluorobiphenyl	*2490*		*"*	*2540*		*98.2*	*10-111*				
Surrogate: 2,4,6-Tribromophenol	*3040*		*"*	*3720*		*81.7*	*10-142*				
Surrogate: Terphenyl-d14	*1530*		*"*	*2540*		*60.3*	*10-147*				

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 BB40514 - EPA 3545A											
LCS (BB40514-BS1)								Prepared: 02/14/2014 Analyzed: 02/17/2014			
Acenaphthene	1280	250	ug/kg wet	2500		51.1	35-127				
Acenaphthylene	1490	250	"	2500		59.5	37-121				
Aniline	1320	250	"	2500		52.9	10-149				
Anthracene	1580	250	"	2500		63.2	38-131				
Benzo(a)anthracene	2530	250	"	2500		101	37-137				
Benzo(a)pyrene	2100	250	"	2500		84.0	33-162				
Benzo(b)fluoranthene	2200	250	"	2500		88.0	26-160				
Benzo(g,h,i)perylene	2680	250	"	2500		107	10-154				
Benzo(k)fluoranthene	2190	250	"	2500		87.6	34-143				
Benzyl alcohol	1920	250	"	2500		76.6	33-124				
Benzyl butyl phthalate	1910	250	"	2500		76.3	30-143				
4-Bromophenyl phenyl ether	2110	250	"	2500		84.3	35-135				
4-Chloro-3-methylphenol	2200	250	"	2500		88.0	34-133				
4-Chloroaniline	1540	250	"	2500		61.5	17-175				
Bis(2-chloroethoxy)methane	1650	250	"	2500		65.9	31-119				
Bis(2-chloroethyl)ether	1750	250	"	2500		70.1	18-124				
Bis(2-chloroisopropyl)ether	1750	250	"	2500		70.0	10-141				
2-Chloronaphthalene	1450	250	"	2500		57.8	34-117				
2-Chlorophenol	2130	250	"	2500		85.3	32-123				
4-Chlorophenyl phenyl ether	1850	250	"	2500		74.1	25-142				
Chrysene	2030	250	"	2500		81.2	38-132				
Dibenzo(a,h)anthracene	2710	250	"	2500		108	14-153				
Dibenzofuran	1420	250	"	2500		56.9	39-123				
Di-n-butyl phthalate	1310	250	"	2500		52.4	35-132				
1,3-Dichlorobenzene	2010	250	"	2500		80.5	22-120				
1,4-Dichlorobenzene	1920	250	"	2500		76.7	20-122				
1,2-Dichlorobenzene	1560	250	"	2500		62.3	22-121				
3,3'-Dichlorobenzidine	1640	500	"	2500		65.6	16-177				
2,4-Dichlorophenol	1810	250	"	2500		72.3	30-134				
Diethyl phthalate	1660	250	"	2500		66.5	41-125				
2,4-Dimethylphenol	1930	250	"	2500		77.1	33-120				
Dimethyl phthalate	2040	250	"	2500		81.6	39-125				
4,6-Dinitro-2-methylphenol	1230	250	"	2500		49.3	10-165				
2,4-Dinitrophenol	1900	500	"	2500		75.9	53-209				
2,4-Dinitrotoluene	1860	250	"	2500		74.3	41-129				
2,6-Dinitrotoluene	1490	250	"	2500		59.5	42-130				
Di-n-octyl phthalate	1540	250	"	2500		61.7	19-162				
Bis(2-ethylhexyl)phthalate	1360	250	"	2500		54.3	35-137				
Fluoranthene	1730	250	"	2500		69.3	35-136				
Fluorene	1640	250	"	2500		65.7	33-134				
Hexachlorobenzene	1570	250	"	2500		62.7	31-139				
Hexachlorobutadiene	2820	250	"	2500		113	19-137				
Hexachlorocyclopentadiene	792	250	"	2500		31.7	10-145				
Hexachloroethane	1830	250	"	2500		73.3	12-125				
Indeno(1,2,3-cd)pyrene	2790	250	"	2500		111	11-155				
Isophorone	2190	250	"	2500		87.7	30-125				
2-Methylnaphthalene	1530	250	"	2500		61.2	30-125				
2-Methylphenol	1690	250	"	2500		67.8	30-128				
3- & 4-Methylphenols	1430	250	"	2500		57.2	30-120				
Naphthalene	1640	250	"	2500		65.6	28-121				
3-Nitroaniline	1810	250	"	2500		72.2	10-234				

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 BB40514 - EPA 3545A											
LCS (BB40514-BS1)								Prepared: 02/14/2014 Analyzed: 02/17/2014			
2-Nitroaniline	1960	250	ug/kg wet	2500		78.4	38-130				
4-Nitroaniline	1480	250	"	2500		59.3	10-208				
Nitrobenzene	1710	250	"	2500		68.4	28-118				
2-Nitrophenol	1970	250	"	2500		78.9	23-129				
4-Nitrophenol	1500	250	"	2500		60.0	10-185				
N-nitroso-di-n-propylamine	1640	250	"	2500		65.5	21-136				
N-Nitrosodimethylamine	2030	250	"	2500		81.0	10-131				
N-Nitrosodiphenylamine	1450	250	"	2500		58.0	36-163				
Pentachlorophenol	1900	250	"	2500		76.2	15-182				
Phenanthrene	1470	250	"	2500		58.9	37-132				
Phenol	1660	250	"	2500		66.5	28-124				
Pyrene	2610	250	"	2500		104	30-147				
Pyridine	208	250	"	2500		8.34	10-113	Low Bias			
1,2,4-Trichlorobenzene	1740	250	"	2500		69.5	22-129				
2,4,6-Trichlorophenol	1510	250	"	2500		60.4	36-130				
2,4,5-Trichlorophenol	1920	250	"	2500		76.8	34-126				
Surrogate: 2-Fluorophenol	*2500*		*"*	*3780*		*66.2*	*10-109*				
Surrogate: Phenol-d5	*2290*		*"*	*3780*		*60.6*	*10-124*				
Surrogate: Nitrobenzene-d5	*1920*		*"*	*2550*		*75.3*	*10-148*				
Surrogate: 2-Fluorobiphenyl	*1560*		*"*	*2540*		*61.5*	*10-111*				
Surrogate: 2,4,6-Tribromophenol	*3790*		*"*	*3720*		*102*	*10-142*				
Surrogate: Terphenyl-d14	*2670*		*"*	*2540*		*105*	*10-147*				
LCS Dup (BB40514-BSD1)								Prepared: 02/14/2014 Analyzed: 02/17/2014			
Acenaphthene	1420	250	ug/kg wet	2500		57.0	35-127		10.9	30	
Acenaphthylene	1250	250	"	2500		49.9	37-121		17.6	30	
Aniline	1380	250	"	2500		55.4	10-149		4.51	30	
Anthracene	1680	250	"	2500		67.0	38-131		5.90	30	
Benzo(a)anthracene	1760	250	"	2500		70.5	37-137		35.6	30	Non-dir.
Benzo(a)pyrene	2020	250	"	2500		80.8	33-162		3.88	30	
Benzo(b)fluoranthene	1780	250	"	2500		71.2	26-160		21.2	30	
Benzo(g,h,i)perylene	2240	250	"	2500		89.5	10-154		18.1	30	
Benzo(k)fluoranthene	2230	250	"	2500		89.3	34-143		1.97	30	
Benzyl alcohol	1850	250	"	2500		74.2	33-124		3.26	30	
Benzyl butyl phthalate	1270	250	"	2500		50.7	30-143		40.3	30	Non-dir.
4-Bromophenyl phenyl ether	1920	250	"	2500		77.0	35-135		9.03	30	
4-Chloro-3-methylphenol	1430	250	"	2500		57.1	34-133		42.6	30	Non-dir.
4-Chloroaniline	1460	250	"	2500		58.5	17-175		4.96	30	
Bis(2-chloroethoxy)methane	1570	250	"	2500		62.7	31-119		4.95	30	
Bis(2-chloroethyl)ether	1670	250	"	2500		66.9	18-124		4.67	30	
Bis(2-chloroisopropyl)ether	2010	250	"	2500		80.3	10-141		13.7	30	
2-Chloronaphthalene	1660	250	"	2500		66.6	34-117		14.1	30	
2-Chlorophenol	2050	250	"	2500		82.0	32-123		3.95	30	
4-Chlorophenyl phenyl ether	1550	250	"	2500		62.0	25-142		17.8	30	
Chrysene	1730	250	"	2500		69.2	38-132		15.9	30	
Dibenzo(a,h)anthracene	2410	250	"	2500		96.4	14-153		11.6	30	
Dibenzofuran	1500	250	"	2500		59.8	39-123		5.11	30	
Di-n-butyl phthalate	1440	250	"	2500		57.5	35-132		9.17	30	
1,3-Dichlorobenzene	1850	250	"	2500		73.9	22-120		8.55	30	
1,4-Dichlorobenzene	1760	250	"	2500		70.4	20-122		8.54	30	
1,2-Dichlorobenzene	1410	250	"	2500		56.5	22-121		9.73	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 BB40514 - EPA 3545A											
LCS Dup (BB40514-BSD1)								Prepared: 02/14/2014 Analyzed: 02/17/2014			
3,3'-Dichlorobenzidine	1380	500	ug/kg wet	2500		55.1	16-177		17.5	30	
2,4-Dichlorophenol	1720	250	"	2500		68.7	30-134		5.02	30	
Diethyl phthalate	1380	250	"	2500		55.3	41-125		18.4	30	
2,4-Dimethylphenol	1440	250	"	2500		57.7	33-120		28.7	30	
Dimethyl phthalate	1700	250	"	2500		68.2	39-125		17.9	30	
4,6-Dinitro-2-methylphenol	1430	250	"	2500		57.3	10-165		15.1	30	
2,4-Dinitrophenol	1640	500	"	2500		65.5	53-209		14.8	30	
2,4-Dinitrotoluene	1630	250	"	2500		65.3	41-129		12.9	30	
2,6-Dinitrotoluene	1830	250	"	2500		73.1	42-130		20.5	30	
Di-n-octyl phthalate	1260	250	"	2500		50.3	19-162		20.3	30	
Bis(2-ethylhexyl)phthalate	988	250	"	2500		39.5	35-137		31.6	30	Non-dir.
Fluoranthene	1900	250	"	2500		75.9	35-136		9.14	30	
Fluorene	1420	250	"	2500		56.7	33-134		14.6	30	
Hexachlorobenzene	1450	250	"	2500		58.1	31-139		7.65	30	
Hexachlorobutadiene	2220	250	"	2500		88.9	19-137		23.8	30	
Hexachlorocyclopentadiene	840	250	"	2500		33.6	10-145		5.94	30	
Hexachloroethane	1630	250	"	2500		65.1	12-125		11.9	30	
Indeno(1,2,3-cd)pyrene	2330	250	"	2500		93.4	11-155		17.6	30	
Isophorone	1750	250	"	2500		70.0	30-125		22.5	30	
2-Methylnaphthalene	1640	250	"	2500		65.8	30-125		7.22	30	
2-Methylphenol	1390	250	"	2500		55.5	30-128		19.9	30	
3- & 4-Methylphenols	1490	250	"	2500		59.5	30-120		3.98	30	
Naphthalene	1240	250	"	2500		49.6	28-121		27.9	30	
3-Nitroaniline	1410	250	"	2500		56.2	10-234		24.9	30	
2-Nitroaniline	1500	250	"	2500		60.0	38-130		26.7	30	
4-Nitroaniline	1210	250	"	2500		48.5	10-208		20.0	30	
Nitrobenzene	1510	250	"	2500		60.6	28-118		12.1	30	
2-Nitrophenol	1840	250	"	2500		73.8	23-129		6.65	30	
4-Nitrophenol	1460	250	"	2500		58.3	10-185		2.91	30	
N-nitroso-di-n-propylamine	1910	250	"	2500		76.5	21-136		15.5	30	
N-Nitrosodimethylamine	1780	250	"	2500		71.0	10-131		13.2	30	
N-Nitrosodiphenylamine	1710	250	"	2500		68.4	36-163		16.4	30	
Pentachlorophenol	2060	250	"	2500		82.5	15-182		7.99	30	
Phenanthrene	1720	250	"	2500		68.6	37-132		15.2	30	
Phenol	1680	250	"	2500		67.3	28-124		1.20	30	
Pyrene	1730	250	"	2500		69.1	30-147		40.8	30	Non-dir.
Pyridine	228	250	"	2500		9.12	10-113	Low Bias	8.93	30	
1,2,4-Trichlorobenzene	1490	250	"	2500		59.5	22-129		15.5	30	
2,4,6-Trichlorophenol	1860	250	"	2500		74.2	36-130		20.5	30	
2,4,5-Trichlorophenol	1840	250	"	2500		73.4	34-126		4.58	30	
Surrogate: 2-Fluorophenol	*2440*		*"*	*3780*		*64.5*	*10-109*				
Surrogate: Phenol-d5	*1970*		*"*	*3780*		*52.3*	*10-124*				
Surrogate: Nitrobenzene-d5	*1550*		*"*	*2550*		*60.8*	*10-148*				
Surrogate: 2-Fluorobiphenyl	*1360*		*"*	*2540*		*53.7*	*10-111*				
Surrogate: 2,4,6-Tribromophenol	*3660*		*"*	*3720*		*98.3*	*10-142*				
Surrogate: Terphenyl-d14	*1810*		*"*	*2540*		*71.4*	*10-147*				

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 BB40514 - EPA 3545A											
Matrix Spike (BB40514-MS1)	*Source sample: 14B0226-03 (SP-2 (0'-2'))							Prepared: 02/14/2014 Analyzed: 02/17/2014			
Acenaphthene	2300	1360	ug/kg dry	2730	ND	84.2	10-143				
Acenaphthylene	2600	1360	"	2730	ND	95.4	10-137				
Aniline	1540	1360	"	2730	ND	56.3	10-154				
Anthracene	3090	1360	"	2730	ND	113	18-140				
Benzo(a)anthracene	2630	1360	"	2730	ND	96.4	10-154				
Benzo(a)pyrene	3400	1360	"	2730	ND	124	12-172				
Benzo(b)fluoranthene	3410	1360	"	2730	409	110	18-163				
Benzo(g,h,i)perylene	2710	1360	"	2730	ND	99.2	10-158				
Benzo(k)fluoranthene	2750	1360	"	2730	396	86.2	14-157				
Benzyl alcohol	2240	1360	"	2730	ND	82.0	10-136				
Benzyl butyl phthalate	1260	1360	"	2730	ND	46.3	10-152				
4-Bromophenyl phenyl ether	3350	1360	"	2730	ND	123	11-146				
4-Chloro-3-methylphenol	2180	1360	"	2730	ND	79.9	10-156				
4-Chloroaniline	2660	1360	"	2730	ND	97.6	10-168				
Bis(2-chloroethoxy)methane	2830	1360	"	2730	ND	104	10-135				
Bis(2-chloroethyl)ether	1850	1360	"	2730	ND	67.9	10-127				
Bis(2-chloroisopropyl)ether	2620	1360	"	2730	ND	96.1	10-142				
2-Chloronaphthalene	2020	1360	"	2730	ND	74.1	12-129				
2-Chlorophenol	2030	1360	"	2730	ND	74.5	10-133				
4-Chlorophenyl phenyl ether	2590	1360	"	2730	ND	94.8	13-138				
Chrysene	3260	1360	"	2730	644	95.7	22-140				
Dibenzo(a,h)anthracene	2810	1360	"	2730	ND	103	10-146				
Dibenzofuran	2430	1360	"	2730	ND	88.9	15-136				
Di-n-butyl phthalate	2010	1360	"	2730	ND	73.6	20-138				
1,3-Dichlorobenzene	2170	1360	"	2730	ND	79.4	10-120				
1,4-Dichlorobenzene	2060	1360	"	2730	ND	75.6	10-119				
1,2-Dichlorobenzene	1950	1360	"	2730	ND	71.6	10-126				
3,3'-Dichlorobenzidine	1640	2730	"	2730	ND	60.0	10-154				
2,4-Dichlorophenol	2670	1360	"	2730	ND	97.8	10-140				
Diethyl phthalate	2230	1360	"	2730	ND	81.8	20-132				
2,4-Dimethylphenol	2950	1360	"	2730	ND	108	10-130				
Dimethyl phthalate	2360	1360	"	2730	ND	86.4	22-128				
4,6-Dinitro-2-methylphenol	ND	1360	"	2730	ND		10-145	Low Bias			
2,4-Dinitrophenol	ND	2730	"	2730	ND		10-175	Low Bias			
2,4-Dinitrotoluene	2040	1360	"	2730	ND	74.6	10-145				
2,6-Dinitrotoluene	2570	1360	"	2730	ND	94.1	18-135				
Di-n-octyl phthalate	1560	1360	"	2730	ND	57.3	10-177				
Bis(2-ethylhexyl)phthalate	1260	1360	"	2730	ND	46.0	22-144				
Fluoranthene	5560	1360	"	2730	903	171	10-155	High Bias			
Fluorene	2390	1360	"	2730	ND	87.5	18-139				
Hexachlorobenzene	2600	1360	"	2730	ND	95.1	16-150				
Hexachlorobutadiene	4630	1360	"	2730	ND	170	10-135	High Bias			
Hexachlorocyclopentadiene	ND	1360	"	2730	ND		10-120	Low Bias			
Hexachloroethane	2020	1360	"	2730	ND	74.0	10-115				
Indeno(1,2,3-cd)pyrene	2620	1360	"	2730	ND	96.1	10-158				
Isophorone	2560	1360	"	2730	ND	93.8	10-136				
2-Methylnaphthalene	3330	1360	"	2730	ND	122	10-143				
2-Methylphenol	1900	1360	"	2730	ND	69.6	10-160				
3- & 4-Methylphenols	2310	1360	"	2730	ND	84.6	10-130				
Naphthalene	2910	1360	"	2730	ND	107	10-143				
3-Nitroaniline	1660	1360	"	2730	ND	60.8	10-196				

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 BB40514 - EPA 3545A											
Matrix Spike (BB40514-MS1)	*Source sample: 14B0226-03 (SP-2 (0'-2'))							Prepared: 02/14/2014 Analyzed: 02/17/2014			
2-Nitroaniline	2740	1360	ug/kg dry	2730	ND	100	19-137				
4-Nitroaniline	2130	1360	"	2730	ND	78.1	10-189				
Nitrobenzene	3090	1360	"	2730	ND	113	10-146				
2-Nitrophenol	1200	1360	"	2730	ND	43.9	10-148				
4-Nitrophenol	ND	1360	"	2730	ND		10-180	Low Bias			
N-nitroso-di-n-propylamine	2010	1360	"	2730	ND	73.6	10-150				
N-Nitrosodimethylamine	1720	1360	"	2730	ND	63.1	10-131				
N-Nitrosodiphenylamine	3250	1360	"	2730	ND	119	13-166				
Pentachlorophenol	ND	1360	"	2730	ND		10-189	Low Bias			
Phenanthrene	5300	1360	"	2730	450	178	12-151	High Bias			
Phenol	2240	1360	"	2730	ND	82.0	10-134				
Pyrene	3680	1360	"	2730	753	107	10-156				
Pyridine	390	1360	"	2730	ND	14.3	10-112				
1,2,4-Trichlorobenzene	3350	1360	"	2730	ND	123	10-127				
2,4,6-Trichlorophenol	453	1360	"	2730	ND	16.6	10-144				
2,4,5-Trichlorophenol	742	1360	"	2730	ND	27.2	17-131				
Surrogate: 2-Fluorophenol	*1930*		*"*	*4130*		*46.8*	*10-109*				
Surrogate: Phenol-d5	*2460*		*"*	*4120*		*59.8*	*10-124*				
Surrogate: Nitrobenzene-d5	*1990*		*"*	*2780*		*71.6*	*10-148*				
Surrogate: 2-Fluorobiphenyl	*2460*		*"*	*2770*		*88.7*	*10-111*				
Surrogate: 2,4,6-Tribromophenol	*1680*		*"*	*4060*		*41.4*	*10-142*				
Surrogate: Terphenyl-d14	*2190*		*"*	*2770*		*79.0*	*10-147*				

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 BB40383 - EPA 3550C											
Blank (BB40383-BLK1)								Prepared: 02/12/2014 Analyzed: 02/13/2014			
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	*39.1*		*"*	*66.3*		*58.9*	*30-140*				
Surrogate: Decachlorobiphenyl	*40.7*		*"*	*66.3*		*61.3*	*30-140*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB40383 - EPA 3550C											
LCS (BB40383-BS1)								Prepared: 02/12/2014 Analyzed: 02/13/2014			
Methoxychlor	26.9	1.65	ug/kg wet	33.3		80.6	40-140				
Heptachlor epoxide	29.7	0.330	"	33.3		89.0	40-140				
Heptachlor	28.1	0.330	"	33.3		84.4	40-140				
gamma-BHC (Lindane)	31.7	0.330	"	33.3		95.0	40-140				
Endrin ketone	25.5	0.330	"	33.3		76.6	40-140				
Endrin aldehyde	21.1	0.330	"	33.3		63.4	40-140				
Endrin	30.3	0.330	"	33.3		91.0	40-140				
Endosulfan sulfate	23.7	0.330	"	33.3		71.2	40-140				
Endosulfan II	26.4	0.330	"	33.3		79.3	40-140				
Endosulfan I	28.8	0.330	"	33.3		86.3	40-140				
Dieldrin	29.2	0.330	"	33.3		87.7	40-140				
delta-BHC	30.3	0.330	"	33.3		90.9	40-140				
beta-BHC	29.1	0.330	"	33.3		87.4	40-140				
alpha-BHC	33.1	0.330	"	33.3		99.3	40-140				
Aldrin	30.0	0.330	"	33.3		89.9	40-140				
4,4'-DDT	31.7	0.330	"	33.3		95.2	40-140				
4,4'-DDE	36.6	0.330	"	33.3		110	40-140				
4,4'-DDD	32.2	0.330	"	33.3		96.7	40-140				
Surrogate: Tetrachloro-m-xylene	*59.2*		*"*	*66.3*		*89.3*	*30-140*				
Surrogate: Decachlorobiphenyl	*54.8*		*"*	*66.3*		*82.6*	*30-140*				
LCS (BB40383-BS2)								Prepared & Analyzed: 02/12/2014			
Aroclor 1260	286	17.0	ug/kg wet	333		85.8	40-130				
Aroclor 1016	303	17.0	"	333		91.0	40-130				
Surrogate: Tetrachloro-m-xylene	*55.7*		*"*	*66.3*		*83.9*	*30-140*				
Surrogate: Decachlorobiphenyl	*48.7*		*"*	*66.3*		*73.4*	*30-140*				
LCS Dup (BB40383-BSD1)								Prepared: 02/12/2014 Analyzed: 02/13/2014			
Methoxychlor	27.4	1.65	ug/kg wet	33.3		82.3	40-140		2.19	30	
Heptachlor epoxide	30.1	0.330	"	33.3		90.2	40-140		1.44	30	
Heptachlor	28.2	0.330	"	33.3		84.6	40-140		0.321	30	
gamma-BHC (Lindane)	31.9	0.330	"	33.3		95.6	40-140		0.671	30	
Endrin ketone	28.4	0.330	"	33.3		85.3	40-140		10.7	30	
Endrin aldehyde	22.8	0.330	"	33.3		68.4	40-140		7.55	30	
Endrin	30.9	0.330	"	33.3		92.6	40-140		1.81	30	
Endosulfan sulfate	25.0	0.330	"	33.3		75.0	40-140		5.16	30	
Endosulfan II	27.4	0.330	"	33.3		82.3	40-140		3.70	30	
Endosulfan I	28.9	0.330	"	33.3		86.7	40-140		0.453	30	
Dieldrin	29.9	0.330	"	33.3		89.6	40-140		2.22	30	
delta-BHC	31.7	0.330	"	33.3		95.1	40-140		4.56	30	
beta-BHC	31.9	0.330	"	33.3		95.6	40-140		8.98	30	
alpha-BHC	33.2	0.330	"	33.3		99.5	40-140		0.170	30	
Aldrin	30.1	0.330	"	33.3		90.4	40-140		0.565	30	
4,4'-DDT	32.2	0.330	"	33.3		96.7	40-140		1.56	30	
4,4'-DDE	36.9	0.330	"	33.3		111	40-140		0.726	30	
4,4'-DDD	32.4	0.330	"	33.3		97.2	40-140		0.591	30	
Surrogate: Tetrachloro-m-xylene	*60.2*		*"*	*66.3*		*90.7*	*30-140*				
Surrogate: Decachlorobiphenyl	*55.4*		*"*	*66.3*		*83.6*	*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 BB40383 - EPA 3550C											
Matrix Spike (BB40383-MS1)	*Source sample: 14B0226-14 (SP-7 (6'-8'))							Prepared: 02/12/2014 Analyzed: 02/13/2014			
Methoxychlor	17.2	8.79	ug/kg dry	35.5	ND	48.4	30-150				
Heptachlor epoxide	21.5	1.76	"	35.5	ND	60.6	30-150				
Heptachlor	20.9	1.76	"	35.5	ND	59.0	30-150				
gamma-BHC (Lindane)	21.4	1.76	"	35.5	ND	60.3	30-150				
Endrin ketone	16.2	1.76	"	35.5	ND	45.6	30-150				
Endrin aldehyde	8.20	1.76	"	35.5	ND	23.1	30-150	Low Bias			
Endrin	21.2	1.76	"	35.5	ND	59.7	30-150				
Endosulfan sulfate	13.1	1.76	"	35.5	ND	36.9	30-150				
Endosulfan II	16.1	1.76	"	35.5	ND	45.4	30-150				
Endosulfan I	21.0	1.76	"	35.5	ND	59.1	30-150				
Dieldrin	20.0	1.76	"	35.5	ND	56.2	30-150				
delta-BHC	15.9	1.76	"	35.5	ND	44.8	30-150				
beta-BHC	20.3	1.76	"	35.5	ND	57.1	30-150				
alpha-BHC	22.6	1.76	"	35.5	ND	63.7	30-150				
Aldrin	22.3	1.76	"	35.5	ND	62.7	30-150				
4,4'-DDT	21.5	1.76	"	35.5	ND	60.6	30-150				
4,4'-DDE	22.6	1.76	"	35.5	ND	63.8	30-150				
4,4'-DDD	20.8	1.76	"	35.5	ND	58.7	30-150				
Surrogate: Tetrachloro-m-xylene	*49.5*		*"*	*70.7*		*70.1*	*30-140*				
Surrogate: Decachlorobiphenyl	*49.3*		*"*	*70.7*		*69.8*	*30-140*				
Batch BB40392 - EPA SW846-3510C Low Level											
Blank (BB40392-BLK1)								Prepared & Analyzed: 02/12/2014			
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 BB40392 - EPA SW846-3510C Low Level											
Blank (BB40392-BLK1)							Prepared & Analyzed: 02/12/2014				
Surrogate: Tetrachloro-m-xylene	*0.104*		*ug/L*	*0.199*		*52.3*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.128*		*"*	*0.199*		*64.3*	*30-120*				
LCS (BB40392-BS1)							Prepared: 02/12/2014 Analyzed: 02/13/2014				
Methoxychlor	0.0666	0.00500	ug/L	0.100		66.6	40-120				
Heptachlor epoxide	0.0562	0.00100	"	0.100		56.2	40-120				
Heptachlor	0.0526	0.00100	"	0.100		52.6	40-120				
gamma-BHC (Lindane)	0.0574	0.00100	"	0.100		57.4	40-120				
Endrin ketone	0.0619	0.00100	"	0.100		61.9	40-120				
Endrin aldehyde	0.0617	0.00100	"	0.100		61.7	40-120				
Endrin	0.0617	0.00100	"	0.100		61.7	40-120				
Endosulfan sulfate	0.0553	0.00100	"	0.100		55.3	40-120				
Endosulfan II	0.0578	0.00100	"	0.100		57.8	40-120				
Endosulfan I	0.0566	0.00100	"	0.100		56.6	40-120				
Dieldrin	0.0569	0.00100	"	0.100		56.9	40-120				
delta-BHC	0.0489	0.00100	"	0.100		48.9	40-120				
beta-BHC	0.0651	0.00100	"	0.100		65.1	40-120				
alpha-BHC	0.0556	0.00100	"	0.100		55.6	40-120				
Aldrin	0.0537	0.00100	"	0.100		53.7	40-120				
4,4'-DDT	0.0713	0.00100	"	0.100		71.3	40-120				
4,4'-DDE	0.0691	0.00100	"	0.100		69.1	40-120				
4,4'-DDD	0.0649	0.00100	"	0.100		64.9	40-120				
Surrogate: Tetrachloro-m-xylene	*0.108*		*"*	*0.199*		*54.4*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.117*		*"*	*0.199*		*58.6*	*30-120*				
LCS (BB40392-BS2)							Prepared & Analyzed: 02/12/2014				
Aroclor 1260	0.887	0.0500	ug/L	1.00		88.7	40-120				
Aroclor 1016	0.937	0.0500	"	1.00		93.7	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0930*		*"*	*0.199*		*46.7*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.111*		*"*	*0.199*		*55.8*	*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 BB40392 - EPA SW846-3510C Low Level											
LCS Dup (BB40392-BSD1)								Prepared: 02/12/2014 Analyzed: 02/13/2014			
Methoxychlor	0.0649	0.00500	ug/L	0.100		64.9	40-120		2.60	30	
Heptachlor epoxide	0.0548	0.00100	"	0.100		54.8	40-120		2.59	30	
Heptachlor	0.0533	0.00100	"	0.100		53.3	40-120		1.29	30	
gamma-BHC (Lindane)	0.0494	0.00100	"	0.100		49.4	40-120		15.0	30	
Endrin ketone	0.0723	0.00100	"	0.100		72.3	40-120		15.6	30	
Endrin aldehyde	0.0654	0.00100	"	0.100		65.4	40-120		5.92	30	
Endrin	0.0628	0.00100	"	0.100		62.8	40-120		1.78	30	
Endosulfan sulfate	0.0547	0.00100	"	0.100		54.7	40-120		1.24	30	
Endosulfan II	0.0587	0.00100	"	0.100		58.7	40-120		1.57	30	
Endosulfan I	0.0568	0.00100	"	0.100		56.8	40-120		0.510	30	
Dieldrin	0.0591	0.00100	"	0.100		59.1	40-120		3.64	30	
delta-BHC	0.0616	0.00100	"	0.100		61.6	40-120		22.9	30	
beta-BHC	0.0666	0.00100	"	0.100		66.6	40-120		2.24	30	
alpha-BHC	0.0558	0.00100	"	0.100		55.8	40-120		0.307	30	
Aldrin	0.0533	0.00100	"	0.100		53.3	40-120		0.752	30	
4,4'-DDT	0.0748	0.00100	"	0.100		74.8	40-120		4.78	30	
4,4'-DDE	0.0694	0.00100	"	0.100		69.4	40-120		0.390	30	
4,4'-DDD	0.0664	0.00100	"	0.100		66.4	40-120		2.32	30	
Surrogate: Tetrachloro-m-xylene	*0.0993*		*"*	*0.199*		*49.9*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.111*		*"*	*0.199*		*55.7*	*30-120*				
LCS Dup (BB40392-BSD2)								Prepared & Analyzed: 02/12/2014			
Aroclor 1260	0.756	0.0500	ug/L	1.00		75.6	40-120		15.9	30	
Aroclor 1016	0.920	0.0500	"	1.00		92.0	40-120		1.83	30	
Surrogate: Tetrachloro-m-xylene	*0.0880*		*"*	*0.199*		*44.2*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.101*		*"*	*0.199*		*50.8*	*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 BB40486 - EPA 3550C											
Blank (BB40486-BLK1)								Prepared: 02/14/2014 Analyzed: 02/17/2014			
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	*47.9*		*"*	*66.3*		*72.2*	*30-140*				
Surrogate: Decachlorobiphenyl	*39.9*		*"*	*66.3*		*60.1*	*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 BB40486 - EPA 3550C											
LCS (BB40486-BS1)								Prepared: 02/14/2014 Analyzed: 02/17/2014			
Methoxychlor	27.9	1.65	ug/kg wet	33.3		83.7	40-140				
Heptachlor epoxide	28.4	0.330	"	33.3		85.3	40-140				
Heptachlor	27.1	0.330	"	33.3		81.2	40-140				
gamma-BHC (Lindane)	29.9	0.330	"	33.3		89.8	40-140				
Endrin ketone	24.0	0.330	"	33.3		72.1	40-140				
Endrin aldehyde	22.3	0.330	"	33.3		67.0	40-140				
Endrin	29.3	0.330	"	33.3		87.8	40-140				
Endosulfan sulfate	23.8	0.330	"	33.3		71.5	40-140				
Endosulfan II	26.7	0.330	"	33.3		80.1	40-140				
Endosulfan I	27.4	0.330	"	33.3		82.2	40-140				
Dieldrin	28.1	0.330	"	33.3		84.3	40-140				
delta-BHC	30.0	0.330	"	33.3		89.9	40-140				
beta-BHC	30.3	0.330	"	33.3		90.8	40-140				
alpha-BHC	30.7	0.330	"	33.3		92.2	40-140				
Aldrin	29.7	0.330	"	33.3		89.1	40-140				
4,4'-DDT	31.1	0.330	"	33.3		93.4	40-140				
4,4'-DDE	33.5	0.330	"	33.3		101	40-140				
4,4'-DDD	29.6	0.330	"	33.3		88.8	40-140				
Surrogate: Tetrachloro-m-xylene	*55.9*		*"*	*66.3*		*84.2*	*30-140*				
Surrogate: Decachlorobiphenyl	*47.0*		*"*	*66.3*		*70.8*	*30-140*				
LCS (BB40486-BS2)								Prepared: 02/14/2014 Analyzed: 02/17/2014			
Aroclor 1260	314	17.0	ug/kg wet	333		94.3	40-130				
Aroclor 1016	322	17.0	"	333		96.5	40-130				
Surrogate: Tetrachloro-m-xylene	*51.0*		*"*	*66.3*		*76.9*	*30-140*				
Surrogate: Decachlorobiphenyl	*45.3*		*"*	*66.3*		*68.3*	*30-140*				
LCS Dup (BB40486-BSD1)								Prepared: 02/14/2014 Analyzed: 02/17/2014			
Methoxychlor	26.0	1.65	ug/kg wet	33.3		78.0	40-140		7.07	30	
Heptachlor epoxide	23.8	0.330	"	33.3		71.4	40-140		17.8	30	
Heptachlor	22.9	0.330	"	33.3		68.8	40-140		16.5	30	
gamma-BHC (Lindane)	24.6	0.330	"	33.3		73.9	40-140		19.5	30	
Endrin ketone	21.7	0.330	"	33.3		65.1	40-140		10.2	30	
Endrin aldehyde	19.6	0.330	"	33.3		58.9	40-140		12.9	30	
Endrin	26.3	0.330	"	33.3		78.9	40-140		10.7	30	
Endosulfan sulfate	21.2	0.330	"	33.3		63.7	40-140		11.6	30	
Endosulfan II	24.1	0.330	"	33.3		72.2	40-140		10.4	30	
Endosulfan I	25.6	0.330	"	33.3		76.8	40-140		6.75	30	
Dieldrin	25.2	0.330	"	33.3		75.7	40-140		10.8	30	
delta-BHC	24.9	0.330	"	33.3		74.8	40-140		18.4	30	
beta-BHC	24.9	0.330	"	33.3		74.8	40-140		19.3	30	
alpha-BHC	24.9	0.330	"	33.3		74.8	40-140		20.8	30	
Aldrin	24.8	0.330	"	33.3		74.4	40-140		18.0	30	
4,4'-DDT	30.4	0.330	"	33.3		91.1	40-140		2.50	30	
4,4'-DDE	27.7	0.330	"	33.3		83.0	40-140		19.1	30	
4,4'-DDD	27.3	0.330	"	33.3		81.8	40-140		8.20	30	
Surrogate: Tetrachloro-m-xylene	*46.9*		*"*	*66.3*		*70.7*	*30-140*				
Surrogate: Decachlorobiphenyl	*41.9*		*"*	*66.3*		*63.1*	*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 BB40486 - EPA 3550C											
LCS Dup (BB40486-BSD2)								Prepared: 02/14/2014 Analyzed: 02/17/2014			
Aroclor 1260	303	17.0	ug/kg wet	333		91.0	40-130		3.52	25	
Aroclor 1016	313	17.0	"	333		93.9	40-130		2.73	25	
Surrogate: Tetrachloro-m-xylene	*47.7*		*"*	*66.3*		*71.9*	*30-140*				
Surrogate: Decachlorobiphenyl	*45.3*		*"*	*66.3*		*68.3*	*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 BB40416 - EPA 3010A											
Blank (BB40416-BLK1)								Prepared & Analyzed: 02/12/2014			
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 (BB40416-SRM1)								Prepared & Analyzed: 02/12/2014			
Aluminum	0.418	0.010	mg/L	0.419		99.9	75.9-124				
Antimony	0.418	0.005	"	0.435		96.0	69.4-121				
Arsenic	0.312	0.004	"	0.341		91.4	83.3-118				
Barium	1.25	0.010	"	1.18		106	86.4-113				
Beryllium	0.071	0.001	"	0.0749		94.8	83.3-113				
Cadmium	0.082	0.003	"	0.0854		96.1	84.4-115				
Chromium	0.653	0.005	"	0.644		101	87.1-113				
Cobalt	0.373	0.005	"	0.351		106	87.7-112				
Copper	0.507	0.003	"	0.521		97.4	90-110				
Iron	1.49	0.020	"	1.44		103	88.2-113				
Lead	0.519	0.003	"	0.517		100	87-113				
Manganese	1.78	0.005	"	1.73		103	90.2-111				
Nickel	1.51	0.005	"	1.52		99.1	90.1-112				
Selenium	0.332	0.010	"	0.362		91.6	78.7-116				
Silver	0.193	0.005	"	0.210		92.1	85.7-115				
Thallium	0.372	0.005	"	0.358		104	77.9-122				
Vanadium	1.43	0.010	"	1.51		94.5	87.4-112				
Zinc	1.69	0.010	"	1.69		99.9	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 BB40416 - EPA 3010A											
Reference (BB40416-SRM2)								Prepared & Analyzed: 02/12/2014			
Calcium	59.5	0.050	mg/L	62.7		94.9	86-114				
Magnesium	27.4	0.050	"	29.0		94.5	86.2-114				
Potassium	31.7	0.050	"	32.4		97.9	85.2-115				
Sodium	82.4	0.100	"	85.1		96.8	85-115				
Batch BB40417 - EPA 3050B											
Blank (BB40417-BLK1)								Prepared & Analyzed: 02/12/2014			
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 BB40417 - EPA 3050B											
Duplicate (BB40417-DUP1)	*Source sample: 14B0226-02 (SP-1 (6'-8'))							Prepared & Analyzed: 02/12/2014			
Aluminum	26800	1.07	mg/kg dry		27000				0.759	35	
Antimony	2.01	0.534	"		2.40				17.8	35	
Arsenic	3.84	1.07	"		4.16				7.98	35	
Barium	531	1.07	"		543				2.18	35	
Beryllium	ND	0.107	"		ND					35	
Cadmium	2.14	0.320	"		2.22				3.59	35	
Calcium	6240	5.34	"		6220				0.369	35	
Chromium	80.5	0.534	"		81.6				1.42	35	
Cobalt	23.7	0.534	"		23.6				0.339	35	
Copper	24.9	0.534	"		25.5				2.48	35	
Iron	41000	2.13	"		41400				0.971	35	
Lead	8.17	0.320	"		8.08				1.06	35	
Magnesium	14800	5.34	"		14800				0.0313	35	
Manganese	380	0.534	"		377				0.586	35	
Nickel	30.0	0.534	"		31.3				4.13	35	
Potassium	18700	5.34	"		18900				1.33	35	
Selenium	1.68	1.07	"		2.47				37.9	35	Non-dir.
Silver	ND	0.534	"		ND					35	
Sodium	225	10.7	"		227				0.867	35	
Thallium	ND	1.07	"		ND					35	
Vanadium	99.0	1.07	"		102				2.99	35	
Zinc	93.3	1.07	"		92.9				0.515	35	
Matrix Spike (BB40417-MS1)	*Source sample: 14B0226-02 (SP-1 (6'-8'))							Prepared & Analyzed: 02/12/2014			
Aluminum	26900	1.07	mg/kg dry	213	27000	NR	75-125	Low Bias			
Antimony	28.7	0.534	"	26.7	2.40	98.7	75-125				
Arsenic	212	1.07	"	213	4.16	97.5	75-125				
Barium	739	1.07	"	213	543	92.0	75-125				
Beryllium	ND	0.107	"	5.34	ND		75-125	Low Bias			
Cadmium	7.20	0.320	"	5.34	2.22	93.5	75-125				
Chromium	106	0.534	"	21.3	81.6	112	75-125				
Cobalt	74.0	0.534	"	53.4	23.6	94.3	75-125				
Copper	53.2	0.534	"	26.7	25.5	104	75-125				
Iron	41800	2.13	"	107	41400	355	75-125	High Bias			
Lead	55.4	0.320	"	53.4	8.08	88.6	75-125				
Magnesium	14800	5.34	"		14800		75-125				
Manganese	430	0.534	"	53.4	377	97.8	75-125				
Nickel	86.4	0.534	"	53.4	31.3	103	75-125				
Potassium	18700	5.34	"		18900		75-125				
Silver	ND	0.534	"	5.34	ND		75-125	Low Bias			
Sodium	226	10.7	"		227		75-125				
Thallium	164	1.07	"	213	ND	76.9	75-125				
Vanadium	150	1.07	"	53.4	102	89.2	75-125				
Zinc	147	1.07	"	53.4	92.9	101	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 BB40417 - EPA 3050B											
Reference (BB40417-SRM1)							Prepared & Analyzed: 02/12/2014				
Aluminum	6830	1.00	mg/kg wet	8840		77.3	42-158				
Antimony	117	0.500	"	88.2		133	26.3-289				
Arsenic	94.8	1.00	"	99.6		95.2	69.3-131				
Barium	289	1.00	"	310		93.3	74.2-126				
Beryllium	67.3	0.100	"	72.3		93.1	73.8-126				
Cadmium	164	0.300	"	182		89.9	73.6-126				
Calcium	5940	5.00	"	6790		87.4	74.2-126				
Chromium	126	0.500	"	136		92.8	70.4-130				
Cobalt	123	0.500	"	128		96.4	74.1-125				
Copper	100	0.500	"	102		98.1	74.3-126				
Iron	10700	2.00	"	12600		85.2	31-168				
Lead	103	0.300	"	115		89.9	72.1-129				
Magnesium	2550	5.00	"	3010		84.7	66.1-134				
Manganese	294	0.500	"	323		91.0	74.9-125				
Nickel	154	0.500	"	153		101	73.2-126				
Potassium	2430	5.00	"	2840		85.6	62-138				
Selenium	144	1.00	"	150		96.1	67.3-133				
Silver	34.8	0.500	"	40.4		86.0	65.8-134				
Sodium	2510	10.0	"	2760		90.9	65.9-134				
Thallium	160	1.00	"	174		91.9	69-132				
Vanadium	86.4	1.00	"	97.6		88.6	65.2-135				
Zinc	145	1.00	"	161		90.2	68.3-132				
Batch BB40531 - EPA 3050B											
Blank (BB40531-BLK1)							Prepared & Analyzed: 02/17/2014				
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 BB40531 - EPA 3050B											
Reference (BB40531-SRM1)							Prepared & Analyzed: 02/17/2014				
Aluminum	6010	1.00	mg/kg wet	8840		68.0	42-158				
Antimony	88.8	0.500	"	88.2		101	26.3-289				
Arsenic	95.0	1.00	"	99.6		95.3	69.3-131				
Barium	295	1.00	"	310		95.3	74.2-126				
Beryllium	68.9	0.100	"	72.3		95.3	73.8-126				
Cadmium	166	0.300	"	182		91.0	73.6-126				
Calcium	6000	5.00	"	6790		88.4	74.2-126				
Chromium	127	0.500	"	136		93.1	70.4-130				
Cobalt	124	0.500	"	128		97.1	74.1-125				
Copper	99.4	0.500	"	102		97.5	74.3-126				
Iron	10300	2.00	"	12600		81.7	31-168				
Lead	103	0.300	"	115		89.9	72.1-129				
Magnesium	2470	5.00	"	3010		82.2	66.1-134				
Manganese	298	0.500	"	323		92.2	74.9-125				
Nickel	155	0.500	"	153		102	73.2-126				
Potassium	2250	5.00	"	2840		79.2	62-138				
Selenium	145	1.00	"	150		96.5	67.3-133				
Silver	35.2	0.500	"	40.4		87.2	65.8-134				
Sodium	2500	10.0	"	2760		90.6	65.9-134				
Thallium	162	1.00	"	174		93.3	69-132				
Vanadium	86.3	1.00	"	97.6		88.5	65.2-135				
Zinc	147	1.00	"	161		91.4	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 BB40459 - EPA 7473 water											
Blank (BB40459-BLK1)								Prepared & Analyzed: 02/14/2014			
Mercury	ND	0.00020	mg/L								
Reference (BB40459-SRM1)								Prepared & Analyzed: 02/14/2014			
Mercury	0.00260		mg/kg	0.00230		113	61.3-135				
Batch BB40509 - EPA 7473 soil											
Blank (BB40509-BLK1)								Prepared & Analyzed: 02/14/2014			
Mercury	ND	0.0300	mg/kg wet								
Reference (BB40509-SRM1)								Prepared & Analyzed: 02/14/2014			
Mercury	4.68		mg/kg	3.73		125	68.6-131				
Batch BB40521 - EPA 7473 soil											
Blank (BB40521-BLK1)								Prepared & Analyzed: 02/17/2014			
Mercury	ND	0.0300	mg/kg wet								
Reference (BB40521-SRM1)								Prepared & Analyzed: 02/17/2014			
Mercury	4.50		mg/kg	3.73		121	68.6-131				

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 BB40388 - Analysis Preparation											
Blank (BB40388-BLK1)								Prepared & Analyzed: 02/12/2014			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BB40388-BS1)								Prepared & Analyzed: 02/12/2014			
Chromium, Hexavalent	0.484	0.0100	mg/L	0.500		96.8	80-120				
Duplicate (BB40388-DUP1)	*Source sample: 14B0226-15 (Field Blank)							Prepared & Analyzed: 02/12/2014			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BB40388-MS1)	*Source sample: 14B0226-15 (Field Blank)							Prepared & Analyzed: 02/12/2014			
Chromium, Hexavalent	0.410	0.0100	mg/L	0.500	ND	82.0	75-125				
Batch BB40522 - EPA SW846-3060											
Blank (BB40522-BLK1)								Prepared & Analyzed: 02/17/2014			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BB40522-DUP1)	*Source sample: 14B0226-14 (SP-7 (6'-8'))							Prepared & Analyzed: 02/17/2014			
Chromium, Hexavalent	ND	0.533	mg/kg dry		ND					35	
Matrix Spike (BB40522-MS1)	*Source sample: 14B0226-14 (SP-7 (6'-8'))							Prepared & Analyzed: 02/17/2014			
Chromium, Hexavalent	18.6	0.533	mg/kg dry	21.3	ND	87.2	75-125				
Reference (BB40522-SRM1)								Prepared & Analyzed: 02/17/2014			
Chromium, Hexavalent	68.8		mg/L	76.7		89.7	20.2-180				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14B0226-01	SP-1 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14B0226-02	SP-1 (6'-8')	40mL Vial with Stir Bar-Cool 4° C
14B0226-03	SP-2 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14B0226-04	SP-2 (4'-6')	40mL Vial with Stir Bar-Cool 4° C
14B0226-05	SP-3 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14B0226-06	SP-3 (6'-8')	40mL Vial with Stir Bar-Cool 4° C
14B0226-07	SP-4 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14B0226-08	SP-4 (6'-8')	40mL Vial with Stir Bar-Cool 4° C
14B0226-09	SP-5 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14B0226-10	SP-5 (6'-8')	40mL Vial with Stir Bar-Cool 4° C
14B0226-11	SP-6 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14B0226-12	SP-6 (6'-8')	40mL Vial with Stir Bar-Cool 4° C
14B0226-13	SP-7 (0'-2')	40mL Vial with Stir Bar-Cool 4° C
14B0226-14	SP-7 (6'-8')	40mL Vial with Stir Bar-Cool 4° C
14B0226-15	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14B0226-16	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

S-AC	Acid surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two acid surrogates.
S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
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-RPD	Sample conc. <5 X reporting limit.
M-MISpk	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The SRM was within acceptance limits, therefore data are acceptable.
M-LSRD	Original sample conc <50 X reporting limit.
M-HCSpk	Sample conc. >10 X spike conc.
M-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 averge 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.
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: The lab did not receive the 8oz soil jars for samples SP-2 (0-2) and SP-2 (4-6) in the original receipt. The Field Blank sample submitted for Hexevalent Chromium analysis was submitted out of hold time.

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. 14B0226

YOUR Information		Report to:		Invoice To:		Your Project ID	Turn-Around Time		Report/Deliverable Type	
Company:	Hydro Tech Environmental	SAME	x	SAME		130175 - 82 Brown Place	RUSH-Same Day		Summary Report	x
Address:	15 Ocean Ave., 2nd Floor	Name:		Name:	Muslima Ward		RUSH-Next Day		QA Report	X
	Brooklyn, NY 11225	Company:		Company:	Hydro Tech Environmental	Purchase Order #	RUSH-Two Day		CT RCP	
Phone.:	718-636-0800	Address:		Address:	77 Arkay Drive, Suite G	6054	RUSH-Three Day		CT RCP DQA/DUE Pkg	
Contact:	Paul Matli				Hauppauge, NY 11788		RUSH-Four Day	X	NY ASP A Package	
E-mail:	pmatli@hydrotechenvironmental.com	E-mail:		E-mail	mward@hydrotechenvironmental.com	Samples from CT__NY_x_NJ__	Standard (5-7day)		NY ASP B Package	
									NJDEP Reduced Deliv	
									Excel	x
									NYSDEC EQuIS	X
									NJDEP SRP HazSite	
									EQuIS	
									GIS/KEY (std)	

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)

Matthew Keavney
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
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

YORK Regulatory Comp Excel *compared to:* NYSDEC Part 375 Unrestricted, Residential, and Commercial SCOs

OTHER:

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
SP-1 (0' - 2')	2/7/2014	S	8260, 8270BNA, 8081 Pest, 8082PCB, TAL metals including Hex Cr	8oz jar & tare core kit
SP-1 (6' - 8')	2/7/2014	S	8260, 8270BNA, 8081 Pest, 8082PCB, TAL metals including Hex Cr	8oz jar & tare core kit
SP-2 (0' - 2')	2/10/2014	S	8260, 8270BNA, 8081 Pest, 8082PCB, TAL metals including Hex Cr	8oz jar & tare core kit
SP-2(4-6)	2/10/2014	S	8260, 8270BNA, 8081 Pest, 8082PCB, TAL metals including Hex Cr	8oz jar & tare core kit
SP-3 (0' - 2')	2/7/2014	S	8260, 8270BNA, 8081 Pest, 8082PCB, TAL metals including Hex Cr	8oz jar & tare core kit
SP-3 (6' - 8')	2/7/2014	S	8260, 8270BNA, 8081 Pest, 8082PCB, TAL metals including Hex Cr	8oz jar & tare core kit
SP-4 (0' - 2')	2/10/2014	S	8260, 8270BNA, 8081 Pest, 8082PCB, TAL metals including Hex Cr	8oz jar & tare core kit
SP-4 (6' - 8')	2/10/2014	S	8260, 8270BNA, 8081 Pest, 8082PCB, TAL metals including Hex Cr	8oz jar & tare core kit
SP-5 (0' - 2')	2/10/2014	S	8260, 8270BNA, 8081 Pest, 8082PCB, TAL metals including Hex Cr	8oz jar & tare core kit

Comments:
2 - Tare Cores Frozen
eDesignation

Preservation (check all 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	Temperature on Receipt
M Martinez	2/11/14 10:30 Am	K Bailey	2/11/14 10:35 Am	3.4 °C
		P Grace	2-11-14 1800	
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/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. 14B0226

YOUR Information		Report to:		Invoice To:		Your Project ID	Turn-Around Time		Report/Deliverable Type	
Company:	Hydro Tech Environmental	SAME	x	SAME		130175 - 82 Brown Place	RUSH-Same Day		Summary Report	x
Address:	15 Ocean Ave., 2nd Floor	Name:		Name:	Muslima Ward		RUSH-Next Day		QA Report	X
	Brooklyn, NY 11225	Company:		Company:	Hydro Tech Environmental	Purchase Order #	RUSH-Two Day		CT RCP	
Phone.:	718-636-0800	Address:		Address:	77 Arkay Drive, Suite G		RUSH-Three Day		CT RCP DQA/DUE Pkg	
Contact:	Paul Matli				Hauppauge, NY 11788		RUSH-Four Day	X	NY ASP A Package	
E-mail:	pmatli@hydrotechenvironmental.com	E-mail:		E-mail	mward@hydrotechenvironmental.com	Samples from CT__NY_x_NJ__	Standard (5-7day)		NY ASP B Package	
									NJDEP Reduced Deliv	
									Excel	x
									NYSDEC EQuIS	X
									NJDEP SRP HazSite	
									EQuIS	
									GIS/KEY (std)	

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)

Matthew Keavney

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
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

YORK Regulatory Comp Excel *compared to:* NYSDEC Part 375 Unrestricted, Residential, and Commercial SCOs

OTHER:

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
SP-5 (6' - 8')	2/7/2014	S	8260, 8270BNA, 8081 Pest, 8082PCB, TAL metals including Hex Cr	8oz jar & tare core kit
SP-6 (0' - 2')	2/7/2014	S	8260, 8270BNA, 8081 Pest, 8082PCB, TAL metals including Hex Cr	8oz jar & tare core kit
SP-6 (6' - 8')	2/7/2014	S	8260, 8270BNA, 8081 Pest, 8082PCB, TAL metals including Hex Cr	8oz jar & tare core kit
SP-7 (0' - 2')	2/7/2014	S	8260, 8270BNA, 8081 Pest, 8082PCB, TAL metals including Hex Cr	8oz jar & tare core kit
SP-7 (6' - 8')	2/7/2014	S	8260, 8270BNA, 8081 Pest, 8082PCB, TAL metals including Hex Cr	8oz jar & tare core kit
Field Blank	2/7/2014	DI	8260, 8270BNA, 8081 Pest, 8082PCB, TAL metals including Hex Cr	3 Amber Jars, 2 Plastic Jars
Trip Blank	2/10/2014	DI	8260	3 vials

Comments:

E-Tare Core Frozen
E-Designation.

Preservation (check all appliciable): 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	Temperature on Receipt
[signature]	2/11/14 1030 am	[signature]	2/11/14 1030 AM	3.4 °C
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	
		[signature]	2-11-14 1800	

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: 05/15/2014
Client Project ID: #130175 82 Brown Pl Bronx, NY
York Project (SDG) No.: 14D1165

Revision No. 1.0

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

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

Report Date: 05/15/2014
Client Project ID: #130175 82 Brown Pl Bronx, NY
York Project (SDG) No.: 14D1165

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 April 28, 2014 and listed below. The project was identified as your project: **#130175 82 Brown Pl Bronx, 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
14D1165-01	MW-2	Water	04/25/2014	04/28/2014
14D1165-02	MW-3	Water	04/25/2014	04/28/2014
14D1165-03	Field Blank	Water	04/25/2014	04/28/2014
14D1165-04	Trip Blank	Water	04/25/2014	04/28/2014
14E0060-01	MW-2	Water	04/29/2014	05/01/2014
14E0060-02	MW-3	Water	04/29/2014	05/01/2014

General Notes for York Project (SDG) No.: 14D1165

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:** 05/15/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **14D1165-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1165	#130175 82 Brown Pl Bronx, NY	Water	April 25, 2014 3:00 pm	04/28/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
95-63-6	**1,2,4-Trimethylbenzene**	**41**		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
108-67-8	**1,3,5-Trimethylbenzene**	**17**		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **14D1165-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1165	#130175 82 Brown Pl Bronx, NY	Water	April 25, 2014 3:00 pm	04/28/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
67-66-3	**Chloroform**	**9.9**		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
100-41-4	**Ethyl Benzene**	**6.7**		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
91-20-3	**Naphthalene**	**11**	CCV-E, B	ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
104-51-8	**n-Butylbenzene**	**4.1**	J	ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
103-65-1	**n-Propylbenzene**	**4.0**	J	ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
95-47-6	**o-Xylene**	**25**		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
179601-23-1	**p- & m- Xylenes**	**37**		ug/L	5.0	10	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
108-88-3	**Toluene**	**5.9**		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
1330-20-7	**Xylenes, Total**	**62**		ug/L	7.5	15	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:10	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*127 %*	S-08	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*		*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*105 %*		*88-114*

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **14D1165-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1165	#130175 82 Brown Pl Bronx, NY	Water	April 25, 2014 3:00 pm	04/28/2014

Metals, Dissolved - Target Analyte (TAL)

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.012**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7440-39-3	**Barium**	**0.196**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7440-70-2	**Calcium**	**106**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7440-48-4	**Cobalt**	**0.006**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7439-95-4	**Magnesium**	**24.7**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7439-96-5	**Manganese**	**5.35**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7440-02-0	**Nickel**	**0.017**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7440-09-7	**Potassium**	**14.1**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7440-23-5	**Sodium**	**86.1**		mg/L	0.100	0.100	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW
7440-66-6	Zinc	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:25	MW

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3.79**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW
7440-39-3	**Barium**	**0.265**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW
7440-70-2	**Calcium**	**108**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW
7440-47-3	**Chromium**	**0.012**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW
7440-48-4	**Cobalt**	**0.010**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW
7440-50-8	**Copper**	**0.022**		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **14D1165-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1165	#130175 82 Brown Pl Bronx, NY	Water	April 25, 2014 3:00 pm	04/28/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**6.20**		mg/L	0.020	0.020	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW
7439-95-4	**Magnesium**	**27.6**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW
7439-96-5	**Manganese**	**5.40**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW
7440-02-0	**Nickel**	**0.028**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW
7440-09-7	**Potassium**	**17.1**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW
7440-23-5	**Sodium**	**86.4**		mg/L	0.100	0.100	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW
7440-62-2	**Vanadium**	**0.018**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW
7440-66-6	**Zinc**	**0.032**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 01:56	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	05/01/2014 10:15	05/01/2014 16:31	AA

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00003900	0.0002000	1	EPA 7470	05/01/2014 10:15	05/01/2014 16:31	AA

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	0.0100	1	EPA 7196A	04/28/2014 20:53	04/28/2014 20:56	AD

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **14D1165-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1165	#130175 82 Brown Pl Bronx, NY	Water	April 25, 2014 3:00 pm	04/28/2014

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **14D1165-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1165	#130175 82 Brown Pl Bronx, NY	Water	April 25, 2014 3:00 pm	04/28/2014

Volatile Organics, 8260 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
95-63-6	**1,2,4-Trimethylbenzene**	**100**		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
108-67-8	**1,3,5-Trimethylbenzene**	**28**		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
67-64-1	**Acetone**	**7.1**	CCV-E	ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **14D1165-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1165	#130175 82 Brown Pl Bronx, NY	Water	April 25, 2014 3:00 pm	04/28/2014

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	**Chloroform**	**15**		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
100-41-4	**Ethyl Benzene**	**27**		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
98-82-8	**Isopropylbenzene**	**4.9**	J	ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
91-20-3	**Naphthalene**	**22**	CCV-E, B	ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
104-51-8	**n-Butylbenzene**	**6.7**		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
103-65-1	**n-Propylbenzene**	**13**		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
95-47-6	**o-Xylene**	**60**		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
179601-23-1	**p- & m- Xylenes**	**120**		ug/L	5.0	10	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
135-98-8	**sec-Butylbenzene**	**3.5**	J	ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
108-88-3	**Toluene**	**21**		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
1330-20-7	**Xylenes, Total**	**170**		ug/L	7.5	15	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 04:50	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*128 %*	S-HI	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.6 %*		*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*		*88-114*

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **14D1165-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1165	#130175 82 Brown Pl Bronx, NY	Water	April 25, 2014 3:00 pm	04/28/2014

Metals, Dissolved - Target Analyte (TAL)

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7440-39-3	**Barium**	**0.235**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7440-70-2	**Calcium**	**110**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7440-48-4	**Cobalt**	**0.031**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7439-89-6	**Iron**	**0.523**		mg/L	0.020	0.020	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7439-95-4	**Magnesium**	**22.8**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7439-96-5	**Manganese**	**9.67**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7440-02-0	**Nickel**	**0.087**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7440-09-7	**Potassium**	**14.2**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7440-23-5	**Sodium**	**80.4**		mg/L	0.100	0.100	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW
7440-66-6	**Zinc**	**0.018**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:30	MW

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.249**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW
7440-39-3	**Barium**	**0.229**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW
7440-70-2	**Calcium**	**111**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW
7440-47-3	**Chromium**	**0.006**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW
7440-48-4	**Cobalt**	**0.030**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW
7440-50-8	**Copper**	**0.009**		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW
7439-89-6	**Iron**	**2.27**		mg/L	0.020	0.020	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **14D1165-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1165	#130175 82 Brown Pl Bronx, NY	Water	April 25, 2014 3:00 pm	04/28/2014

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW
7439-95-4	**Magnesium**	**22.6**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW
7439-96-5	**Manganese**	**9.11**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW
7440-02-0	**Nickel**	**0.086**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW
7440-09-7	**Potassium**	**14.2**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW
7440-23-5	**Sodium**	**78.9**		mg/L	0.100	0.100	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW
7440-66-6	**Zinc**	**0.020**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:01	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	05/01/2014 10:15	05/01/2014 16:31	AA

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00003900	0.0002000	1	EPA 7470	05/01/2014 10:15	05/01/2014 16:31	AA

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	0.0100	1	EPA 7196A	04/28/2014 20:53	04/28/2014 20:56	AD

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D1165-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1165	#130175 82 Brown Pl Bronx, NY	Water	April 25, 2014 3:00 pm	04/28/2014

Volatile Organics, 8260 List

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

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D1165-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1165	#130175 82 Brown Pl Bronx, NY	Water	April 25, 2014 3:00 pm	04/28/2014

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
67-64-1	Acetone	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D1165-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1165	#130175 82 Brown Pl Bronx, NY	Water	April 25, 2014 3:00 pm	04/28/2014

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
91-20-3	**Naphthalene**	**3.7**	CCV-E, J, B	ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 05:30	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*128 %*	S-HI	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*		*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*		*88-114*

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D1165-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1165	#130175 82 Brown Pl Bronx, NY	Water	April 25, 2014 3:00 pm	04/28/2014

PCB (Polychlorinated Biphenyls)

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0482	0.0513	1	EPA 608	04/30/2014 06:03	04/30/2014 13:55	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0482	0.0513	1	EPA 608	04/30/2014 06:03	04/30/2014 13:55	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0482	0.0513	1	EPA 608	04/30/2014 06:03	04/30/2014 13:55	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0482	0.0513	1	EPA 608	04/30/2014 06:03	04/30/2014 13:55	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0451	0.0513	1	EPA 608	04/30/2014 06:03	04/30/2014 13:55	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0451	0.0513	1	EPA 608	04/30/2014 06:03	04/30/2014 13:55	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0451	0.0513	1	EPA 608	04/30/2014 06:03	04/30/2014 13:55	JW
1336-36-3	* Total PCBs	ND		ug/L	0.0451	0.0513	1	EPA 608	04/30/2014 06:03	04/30/2014 13:55	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*37.4 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.0 %*	*30-120*

Metals, Dissolved - Target Analyte (TAL)

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.024**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW
7440-39-3	Barium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW
7440-70-2	**Calcium**	**0.242**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW
7439-89-6	**Iron**	**0.055**		mg/L	0.020	0.020	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW
7439-92-1	**Lead**	**0.003**		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW
7439-95-4	Magnesium	ND		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW
7439-96-5	**Manganese**	**0.013**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW
7440-09-7	Potassium	ND		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW
7440-23-5	**Sodium**	**0.247**		mg/L	0.100	0.100	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D1165-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1165	#130175 82 Brown Pl Bronx, NY	Water	April 25, 2014 3:00 pm	04/28/2014

Metals, Dissolved - Target Analyte (TAL)

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW
7440-66-6	**Zinc**	**0.019**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:11	04/30/2014 23:35	MW

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.021**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7440-39-3	Barium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7440-70-2	**Calcium**	**0.271**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7440-47-3	Chromium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7439-89-6	**Iron**	**0.080**		mg/L	0.020	0.020	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7439-95-4	**Magnesium**	**0.051**		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7439-96-5	**Manganese**	**0.012**		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7440-09-7	Potassium	ND		mg/L	0.050	0.050	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7782-49-2	Selenium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7440-23-5	**Sodium**	**0.401**		mg/L	0.100	0.100	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7440-62-2	Vanadium	ND		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW
7440-66-6	**Zinc**	**0.021**		mg/L	0.010	0.010	1	EPA 6010C	04/30/2014 14:17	05/01/2014 02:06	MW

Sample Information

Client Sample ID: **Field Blank** **York Sample ID:** **14D1165-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1165	#130175 82 Brown Pl Bronx, NY	Water	April 25, 2014 3:00 pm	04/28/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA 7470	05/01/2014 10:15	05/01/2014 16:31	AA

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.00003900	0.0002000	1	EPA 7470	05/01/2014 10:15	05/01/2014 16:31	AA

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	0.0100	1	EPA 7196A	04/28/2014 20:53	04/28/2014 20:56	AD

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **14D1165-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1165	#130175 82 Brown Pl Bronx, NY	Water	April 25, 2014 3:00 pm	04/28/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **14D1165-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1165	#130175 82 Brown Pl Bronx, NY	Water	April 25, 2014 3:00 pm	04/28/2014

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
67-64-1	**Acetone**	**4.3**	J	ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
75-09-2	Methylene chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **14D1165-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14D1165	#130175 82 Brown Pl Bronx, NY	Water	April 25, 2014 3:00 pm	04/28/2014

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	05/01/2014 16:31	05/02/2014 06:10	SS

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*125 %*	S-HI	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.8 %*		*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*		*88-114*

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **14E0060-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0060	130175 82 Brown Pl Bronx NY	Water	April 29, 2014 3:00 pm	05/01/2014

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **14E0060-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0060	130175 82 Brown Pl Bronx NY	Water	April 29, 2014 3:00 pm	05/01/2014

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
218-01-9	Chrysene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**4.36**	J, B	ug/L	0.513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **14E0060-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0060	130175 82 Brown Pl Bronx NY	Water	April 29, 2014 3:00 pm	05/01/2014

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
86-73-7	Fluorene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
91-20-3	Naphthalene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
129-00-0	Pyrene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:14	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*21.4 %*	*10-53*
4165-62-2	*Surrogate: Phenol-d5*	*20.1 %*	*10-39*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*75.5 %*	*10-120*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*66.3 %*	*10-108*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*76.9 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*80.2 %*	*10-143*

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **14E0060-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0060	130175 82 Brown Pl Bronx NY	Water	April 29, 2014 3:00 pm	05/01/2014

Pesticides, EPA TCL List

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:16	JW
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:16	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:16	JW
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:16	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:16	JW
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:16	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:16	JW
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:16	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:16	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:16	JW
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:16	JW
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:16	JW
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:16	JW
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:16	JW
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:16	JW
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:16	JW
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:16	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:16	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:16	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:16	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.3 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.7 %*	*30-120*

Polychlorinated Biphenyls (PCB)

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	0.0500	1	EPA 8082A	05/05/2014 08:06	05/06/2014 03:16	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	0.0500	1	EPA 8082A	05/05/2014 08:06	05/06/2014 03:16	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	0.0500	1	EPA 8082A	05/05/2014 08:06	05/06/2014 03:16	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	0.0500	1	EPA 8082A	05/05/2014 08:06	05/06/2014 03:16	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	0.0500	1	EPA 8082A	05/05/2014 08:06	05/06/2014 03:16	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	0.0500	1	EPA 8082A	05/05/2014 08:06	05/06/2014 03:16	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	0.0500	1	EPA 8082A	05/05/2014 08:06	05/06/2014 03:16	JW

Sample Information

Client Sample ID: MW-2 **York Sample ID:** 14E0060-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0060	130175 82 Brown Pl Bronx NY	Water	April 29, 2014 3:00 pm	05/01/2014

Polychlorinated Biphenyls (PCB) **Log-in Notes:** **Sample Notes:** EXT-EM

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.0500	0.0500	1	EPA 8082A	05/05/2014 08:06	05/06/2014 03:16	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.3 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.7 %*	*30-120*

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 14E0060-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0060	130175 82 Brown Pl Bronx NY	Water	April 29, 2014 3:00 pm	05/01/2014

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
120-12-7	Anthracene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **14E0060-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0060	130175 82 Brown Pl Bronx NY	Water	April 29, 2014 3:00 pm	05/01/2014

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	Chrysene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
117-81-7	**Bis(2-ethylhexyl)phthalate**	**8.35**	B	ug/L	0.513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
206-44-0	Fluoranthene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
86-73-7	Fluorene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
91-57-6	**2-Methylnaphthalene**	**6.69**		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
91-20-3	**Naphthalene**	**2.77**	J	ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **14E0060-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0060	130175 82 Brown Pl Bronx NY	Water	April 29, 2014 3:00 pm	05/01/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
85-01-8	Phenanthrene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
129-00-0	Pyrene	ND		ug/L	0.0513	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	05/05/2014 08:08	05/05/2014 13:44	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*22.6 %*	*10-53*
4165-62-2	*Surrogate: Phenol-d5*	*15.5 %*	*10-39*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*54.4 %*	*10-120*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*50.8 %*	*10-108*
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*62.6 %*	*10-150*
1718-51-0	*Surrogate: Terphenyl-d14*	*65.5 %*	*10-143*

Pesticides, EPA TCL List

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.100	0.100	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:35	JW
72-43-5	Methoxychlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:35	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:35	JW
76-44-8	Heptachlor	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:35	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:35	JW
53494-70-5	Endrin ketone	ND		ug/L	0.0100	0.0100	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:35	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	0.0100	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:35	JW
72-20-8	Endrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:35	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:35	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:35	JW
959-98-8	Endosulfan I	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:35	JW
60-57-1	Dieldrin	ND		ug/L	0.00200	0.00200	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:35	JW
319-86-8	delta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:35	JW
57-74-9	Chlordane, total	ND		ug/L	0.0400	0.0400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:35	JW

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **14E0060-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14E0060	130175 82 Brown Pl Bronx NY	Water	April 29, 2014 3:00 pm	05/01/2014

Pesticides, EPA TCL List

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:35	JW
319-84-6	alpha-BHC	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:35	JW
309-00-2	Aldrin	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:35	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:35	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:35	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00400	0.00400	1	EPA 8081B	05/05/2014 08:06	05/06/2014 03:35	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.9 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*38.6 %*	*30-120*

Polychlorinated Biphenyls (PCB)

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

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	0.0500	1	EPA 8082A	05/05/2014 08:06	05/06/2014 03:35	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	0.0500	1	EPA 8082A	05/05/2014 08:06	05/06/2014 03:35	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	0.0500	1	EPA 8082A	05/05/2014 08:06	05/06/2014 03:35	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	0.0500	1	EPA 8082A	05/05/2014 08:06	05/06/2014 03:35	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	0.0500	1	EPA 8082A	05/05/2014 08:06	05/06/2014 03:35	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	0.0500	1	EPA 8082A	05/05/2014 08:06	05/06/2014 03:35	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	0.0500	1	EPA 8082A	05/05/2014 08:06	05/06/2014 03:35	JW
1336-36-3	* Total PCBs	ND		ug/L	0.0500	0.0500	1	EPA 8082A	05/05/2014 08:06	05/06/2014 03:35	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.9 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*38.6 %*	*30-120*

Analytical Batch Summary

Batch ID: BD41403 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
14D1165-01	MW-2	04/28/14
14D1165-02	MW-3	04/28/14
14D1165-03	Field Blank	04/28/14
BD41403-BLK1	Blank	04/28/14
BD41403-BS1	LCS	04/28/14

Batch ID: BD41497 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
14D1165-03	Field Blank	04/30/14
BD41497-BLK1	Blank	04/30/14
BD41497-BS2	LCS	04/30/14
BD41497-BSD2	LCS Dup	04/30/14

Batch ID: BD41555 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14D1165-01	MW-2	04/30/14
14D1165-02	MW-3	04/30/14
14D1165-03	Field Blank	04/30/14
BD41555-BLK1	Blank	04/30/14
BD41555-SRM1	Reference	04/30/14
BD41555-SRM2	Reference	04/30/14

Batch ID: BD41557 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14D1165-01	MW-2	04/30/14
14D1165-02	MW-3	04/30/14
14D1165-03	Field Blank	04/30/14
BD41557-BLK1	Blank	04/30/14
BD41557-SRM1	Reference	04/30/14
BD41557-SRM2	Reference	04/30/14

Batch ID: BE40037 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14D1165-01	MW-2	05/01/14
14D1165-02	MW-3	05/01/14
14D1165-03	Field Blank	05/01/14
BE40037-BLK1	Blank	05/01/14
BE40037-BLK2	Blank	05/01/14
BE40037-BS1	LCS	05/01/14

BE40037-BS2	LCS	05/01/14

Batch ID: BE40082 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14D1165-01	MW-2	05/01/14
14D1165-02	MW-3	05/01/14
14D1165-03	Field Blank	05/01/14
14D1165-04	Trip Blank	05/01/14
BE40082-BLK1	Blank	05/01/14
BE40082-BS1	LCS	05/01/14
BE40082-BSD1	LCS Dup	05/01/14

Batch ID: BE40230 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** RQB

YORK Sample ID	Client Sample ID	Preparation Date
14E0060-01	MW-2	05/05/14
14E0060-01	MW-2	05/05/14
14E0060-02	MW-3	05/05/14
14E0060-02	MW-3	05/05/14
BE40230-BLK1	Blank	05/05/14
BE40230-BS2	LCS	05/05/14
BE40230-BSD2	LCS Dup	05/05/14

Batch ID: BE40231 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
14E0060-01	MW-2	05/05/14
14E0060-02	MW-3	05/05/14
BE40231-BLK1	Blank	05/05/14
BE40231-BS1	LCS	05/05/14

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 BE40082 - EPA 5030B											
Blank (BE40082-BLK1)											Prepared: 05/01/2014 Analyzed: 05/02/2014
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	ND	5.0	"								
Naphthalene	5.9	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 BE40082 - EPA 5030B											
Blank (BE40082-BLK1)								Prepared: 05/01/2014 Analyzed: 05/02/2014			
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	*61.3*		*"*	*50.0*		*123*	*81-123*				
Surrogate: p-Bromofluorobenzene	*52.2*		*"*	*50.0*		*104*	*70-128*				
Surrogate: Toluene-d8	*51.1*		*"*	*50.0*		*102*	*88-114*				
LCS (BE40082-BS1)								Prepared: 05/01/2014 Analyzed: 05/02/2014			
1,1,1,2-Tetrachloroethane	58.9		ug/L	50.0		118	85-118				
1,1,1-Trichloroethane	62.0		"	50.0		124	74-128				
1,1,2,2-Tetrachloroethane	44.1		"	50.0		88.2	71-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.6		"	50.0		109	51-157				
1,1,2-Trichloroethane	48.6		"	50.0		97.2	80-122				
1,1-Dichloroethane	50.9		"	50.0		102	70-131				
1,1-Dichloroethylene	57.9		"	50.0		116	60-143				
1,1-Dichloropropylene	50.2		"	50.0		100	78-122				
1,2,3-Trichlorobenzene	66.1		"	50.0		132	68-140				
1,2,3-Trichloropropane	53.9		"	50.0		108	77-125				
1,2,4-Trichlorobenzene	65.2		"	50.0		130	65-143				
1,2,4-Trimethylbenzene	52.0		"	50.0		104	83-121				
1,2-Dibromo-3-chloropropane	64.2		"	50.0		128	60-146				
1,2-Dibromoethane	56.2		"	50.0		112	82-122				
1,2-Dichlorobenzene	53.5		"	50.0		107	85-115				
1,2-Dichloroethane	61.5		"	50.0		123	72-126				
1,2-Dichloropropane	45.2		"	50.0		90.3	78-119				
1,3,5-Trimethylbenzene	52.3		"	50.0		105	84-118				
1,3-Dichlorobenzene	53.9		"	50.0		108	83-117				
1,3-Dichloropropane	47.9		"	50.0		95.9	79-121				
1,4-Dichlorobenzene	54.3		"	50.0		109	83-118				
2,2-Dichloropropane	52.9		"	50.0		106	60-135				
2-Butanone	43.9		"	50.0		87.8	48-156				
2-Chlorotoluene	49.4		"	50.0		98.9	81-118				
4-Chlorotoluene	49.8		"	50.0		99.5	81-117				
Acetone	42.1		"	50.0		84.2	21-172				
Benzene	46.6		"	50.0		93.1	82-120				
Bromobenzene	46.8		"	50.0		93.5	82-119				
Bromochloromethane	48.0		"	50.0		95.9	69-125				
Bromodichloromethane	54.4		"	50.0		109	84-117				
Bromoform	60.8		"	50.0		122	77-130				
Bromomethane	52.0		"	50.0		104	16-162				
Carbon tetrachloride	67.7		"	50.0		135	72-132	High Bias			

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 BE40082 - EPA 5030B											
LCS (BE40082-BS1)								Prepared: 05/01/2014 Analyzed: 05/02/2014			
Chlorobenzene	52.8		ug/L	50.0		106	88-112				
Chloroethane	42.0		"	50.0		84.1	29-172				
Chloroform	55.9		"	50.0		112	77-124				
Chloromethane	36.0		"	50.0		71.9	37-131				
cis-1,2-Dichloroethylene	53.2		"	50.0		106	77-124				
cis-1,3-Dichloropropylene	48.5		"	50.0		96.9	81-117				
Dibromochloromethane	61.7		"	50.0		123	72-131				
Dibromomethane	56.2		"	50.0		112	85-116				
Dichlorodifluoromethane	50.3		"	50.0		101	47-152				
Ethyl Benzene	51.3		"	50.0		103	86-114				
Hexachlorobutadiene	64.3		"	50.0		129	68-139				
Isopropylbenzene	50.4		"	50.0		101	84-118				
Methyl tert-butyl ether (MTBE)	67.8		"	50.0		136	49-156				
Methylene chloride	50.5		"	50.0		101	51-145				
Naphthalene	61.4		"	50.0		123	67-141				
n-Butylbenzene	50.3		"	50.0		101	76-125				
n-Propylbenzene	47.1		"	50.0		94.2	84-118				
o-Xylene	52.3		"	50.0		105	85-114				
p- & m- Xylenes	104		"	100		104	84-117				
p-Isopropyltoluene	53.1		"	50.0		106	84-121				
sec-Butylbenzene	50.2		"	50.0		100	85-119				
Styrene	53.2		"	50.0		106	77-126				
tert-Butylbenzene	53.4		"	50.0		107	83-119				
Tetrachloroethylene	62.3		"	50.0		125	75-129				
Toluene	48.9		"	50.0		97.7	86-113				
trans-1,2-Dichloroethylene	65.2		"	50.0		130	55-148				
trans-1,3-Dichloropropylene	53.1		"	50.0		106	77-120				
Trichloroethylene	53.3		"	50.0		107	85-115				
Trichlorofluoromethane	67.4		"	50.0		135	69-131	High Bias			
Vinyl Chloride	40.1		"	50.0		80.2	44-152				
Vinyl acetate	46.7		"	50.0		93.4	48-145				
Surrogate: 1,2-Dichloroethane-d4	*62.1*		*"*	*50.0*		*124*	*81-123*				
Surrogate: p-Bromofluorobenzene	*52.4*		*"*	*50.0*		*105*	*70-128*				
Surrogate: Toluene-d8	*50.4*		*"*	*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 BE40082 - EPA 5030B											
LCS Dup (BE40082-BSD1)								Prepared: 05/01/2014 Analyzed: 05/02/2014			
1,1,1,2-Tetrachloroethane	52.0		ug/L	50.0		104	85-118		12.5	30	
1,1,1-Trichloroethane	56.3		"	50.0		113	74-128		9.59	30	
1,1,2,2-Tetrachloroethane	42.3		"	50.0		84.5	71-130		4.26	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.5		"	50.0		99.1	51-157		9.76	30	
1,1,2-Trichloroethane	44.0		"	50.0		87.9	80-122		10.1	30	
1,1-Dichloroethane	45.4		"	50.0		90.8	70-131		11.4	30	
1,1-Dichloroethylene	52.6		"	50.0		105	60-143		9.58	30	
1,1-Dichloropropylene	45.3		"	50.0		90.5	78-122		10.4	30	
1,2,3-Trichlorobenzene	60.2		"	50.0		120	68-140		9.38	30	
1,2,3-Trichloropropane	49.3		"	50.0		98.5	77-125		9.03	30	
1,2,4-Trichlorobenzene	59.7		"	50.0		119	65-143		8.74	30	
1,2,4-Trimethylbenzene	46.8		"	50.0		93.5	83-121		10.5	30	
1,2-Dibromo-3-chloropropane	58.0		"	50.0		116	60-146		10.1	30	
1,2-Dibromoethane	50.4		"	50.0		101	82-122		10.9	30	
1,2-Dichlorobenzene	47.3		"	50.0		94.7	85-115		12.2	30	
1,2-Dichloroethane	55.3		"	50.0		111	72-126		10.5	30	
1,2-Dichloropropane	40.2		"	50.0		80.5	78-119		11.5	30	
1,3,5-Trimethylbenzene	46.6		"	50.0		93.1	84-118		11.6	30	
1,3-Dichlorobenzene	48.0		"	50.0		95.9	83-117		11.6	30	
1,3-Dichloropropane	42.9		"	50.0		85.9	79-121		11.0	30	
1,4-Dichlorobenzene	48.2		"	50.0		96.4	83-118		11.9	30	
2,2-Dichloropropane	48.4		"	50.0		96.7	60-135		8.93	30	
2-Butanone	41.9		"	50.0		83.7	48-156		4.78	30	
2-Chlorotoluene	44.7		"	50.0		89.3	81-118		10.1	30	
4-Chlorotoluene	44.9		"	50.0		89.8	81-117		10.3	30	
Acetone	39.2		"	50.0		78.4	21-172		7.18	30	
Benzene	41.8		"	50.0		83.6	82-120		10.8	30	
Bromobenzene	43.0		"	50.0		86.1	82-119		8.26	30	
Bromochloromethane	44.0		"	50.0		88.1	69-125		8.54	30	
Bromodichloromethane	49.2		"	50.0		98.5	84-117		9.92	30	
Bromoform	57.3		"	50.0		115	77-130		5.98	30	
Bromomethane	47.9		"	50.0		95.8	16-162		8.31	30	
Carbon tetrachloride	60.2		"	50.0		120	72-132		11.6	30	
Chlorobenzene	46.7		"	50.0		93.3	88-112		12.4	30	
Chloroethane	39.7		"	50.0		79.4	29-172		5.65	30	
Chloroform	50.5		"	50.0		101	77-124		10.2	30	
Chloromethane	33.0		"	50.0		66.1	37-131		8.44	30	
cis-1,2-Dichloroethylene	48.4		"	50.0		96.7	77-124		9.44	30	
cis-1,3-Dichloropropylene	42.9		"	50.0		85.9	81-117		12.1	30	
Dibromochloromethane	55.1		"	50.0		110	72-131		11.4	30	
Dibromomethane	50.9		"	50.0		102	85-116		9.83	30	
Dichlorodifluoromethane	44.0		"	50.0		88.1	47-152		13.2	30	
Ethyl Benzene	45.6		"	50.0		91.2	86-114		11.7	30	
Hexachlorobutadiene	58.0		"	50.0		116	68-139		10.4	30	
Isopropylbenzene	46.2		"	50.0		92.4	84-118		8.59	30	
Methyl tert-butyl ether (MTBE)	62.0		"	50.0		124	49-156		8.98	30	
Methylene chloride	45.3		"	50.0		90.7	51-145		10.7	30	
Naphthalene	56.4		"	50.0		113	67-141		8.46	30	
n-Butylbenzene	44.4		"	50.0		88.7	76-125		12.6	30	
n-Propylbenzene	43.5		"	50.0		87.0	84-118		8.04	30	
o-Xylene	46.1		"	50.0		92.1	85-114		12.7	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 BE40082 - EPA 5030B											
LCS Dup (BE40082-BSD1)								Prepared: 05/01/2014 Analyzed: 05/02/2014			
p- & m- Xylenes	93.3		ug/L	100		93.3	84-117		11.2	30	
p-Isopropyltoluene	47.0		"	50.0		94.1	84-121		12.1	30	
sec-Butylbenzene	44.7		"	50.0		89.4	85-119		11.6	30	
Styrene	46.4		"	50.0		92.8	77-126		13.6	30	
tert-Butylbenzene	47.6		"	50.0		95.3	83-119		11.4	30	
Tetrachloroethylene	54.2		"	50.0		108	75-129		13.8	30	
Toluene	43.6		"	50.0		87.1	86-113		11.5	30	
trans-1,2-Dichloroethylene	63.2		"	50.0		126	55-148		3.07	30	
trans-1,3-Dichloropropylene	46.5		"	50.0		93.1	77-120		13.2	30	
Trichloroethylene	47.6		"	50.0		95.2	85-115		11.3	30	
Trichlorofluoromethane	61.3		"	50.0		123	69-131		9.42	30	
Vinyl Chloride	36.6		"	50.0		73.3	44-152		9.04	30	
Vinyl acetate	43.0		"	50.0		85.9	48-145		8.39	30	
Surrogate: 1,2-Dichloroethane-d4	*62.6*		*"*	*50.0*		*125*	*81-123*				
Surrogate: p-Bromofluorobenzene	*51.7*		*"*	*50.0*		*103*	*70-128*				
Surrogate: Toluene-d8	*50.3*		*"*	*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 BE40231 - EPA 3510C											
Blank (BE40231-BLK1)								Prepared & Analyzed: 05/05/2014			
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
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	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
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	3.19	0.500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
Naphthalene	ND	0.0500	"								
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 BE40231 - EPA 3510C											
Blank (BE40231-BLK1)								Prepared & Analyzed: 05/05/2014			
3-Nitroaniline	ND	5.00	ug/L								
2-Nitroaniline	ND	5.00	"								
Nitrobenzene	ND	0.250	"								
4-Nitrophenol	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
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	*17.0*		*"*	*76.8*		*22.1*	*10-53*				
Surrogate: Phenol-d5	*11.8*		*"*	*75.2*		*15.7*	*10-39*				
Surrogate: Nitrobenzene-d5	*22.2*		*"*	*51.4*		*43.1*	*10-120*				
Surrogate: 2-Fluorobiphenyl	*24.9*		*"*	*50.0*		*49.8*	*10-108*				
Surrogate: 2,4,6-Tribromophenol	*33.6*		*"*	*77.8*		*43.1*	*10-150*				
Surrogate: Terphenyl-d14	*27.6*		*"*	*50.2*		*54.9*	*10-143*				
LCS (BE40231-BS1)								Prepared & Analyzed: 05/05/2014			
Acenaphthene	36.0	0.0500	ug/L	50.0		72.0	24-114				
Acenaphthylene	31.2	0.0500	"	50.0		62.5	26-112				
Aniline	26.1	5.00	"	50.0		52.1	10-107				
Anthracene	34.7	0.0500	"	50.0		69.4	35-114				
Benzo(a)anthracene	35.4	0.0500	"	50.0		70.9	38-127				
Benzo(a)pyrene	40.3	0.0500	"	50.0		80.5	30-146				
Benzo(b)fluoranthene	37.5	0.0500	"	50.0		75.0	36-145				
Benzo(g,h,i)perylene	42.3	0.0500	"	50.0		84.6	10-163				
Benzo(k)fluoranthene	39.0	0.0500	"	50.0		77.9	16-149				
Benzyl alcohol	22.0	5.00	"	50.0		44.0	18-75				
Benzyl butyl phthalate	37.3	5.00	"	50.0		74.7	28-129				
4-Bromophenyl phenyl ether	33.2	5.00	"	50.0		66.4	38-116				
4-Chloro-3-methylphenol	28.4	5.00	"	50.0		56.9	28-101				
4-Chloroaniline	38.8	5.00	"	50.0		77.5	10-154				
Bis(2-chloroethoxy)methane	31.7	5.00	"	50.0		63.3	27-112				
Bis(2-chloroethyl)ether	27.3	5.00	"	50.0		54.7	24-114				
Bis(2-chloroisopropyl)ether	40.3	5.00	"	50.0		80.7	21-124				
2-Chloronaphthalene	35.6	5.00	"	50.0		71.3	40-96				
2-Chlorophenol	29.8	5.00	"	50.0		59.7	35-84				
4-Chlorophenyl phenyl ether	34.9	5.00	"	50.0		69.8	34-112				
Chrysene	39.3	0.0500	"	50.0		78.6	33-120				
Dibenzo(a,h)anthracene	40.3	0.0500	"	50.0		80.7	10-149				
Dibenzofuran	37.2	5.00	"	50.0		74.3	42-105				
Di-n-butyl phthalate	31.4	5.00	"	50.0		62.7	36-110				
1,4-Dichlorobenzene	28.4	5.00	"	50.0		56.8	42-82				
1,3-Dichlorobenzene	28.5	5.00	"	50.0		57.0	45-80				
1,2-Dichlorobenzene	28.2	5.00	"	50.0		56.5	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 BE40231 - EPA 3510C											
LCS (BE40231-BS1)							Prepared & Analyzed: 05/05/2014				
3,3'-Dichlorobenzidine	68.5	5.00	ug/L	50.0		137	25-155				
2,4-Dichlorophenol	30.6	5.00	"	50.0		61.2	43-92				
Diethyl phthalate	32.6	5.00	"	50.0		65.3	38-112				
2,4-Dimethylphenol	27.5	5.00	"	50.0		55.0	25-92				
Dimethyl phthalate	40.4	5.00	"	50.0		80.7	49-106				
4,6-Dinitro-2-methylphenol	47.9	5.00	"	50.0		95.7	10-135				
2,4-Dinitrophenol	35.6	5.00	"	50.0		71.1	10-149				
2,4-Dinitrotoluene	45.4	5.00	"	50.0		90.9	41-114				
2,6-Dinitrotoluene	40.4	5.00	"	50.0		80.9	49-106				
Di-n-octyl phthalate	33.8	5.00	"	50.0		67.6	12-149				
Bis(2-ethylhexyl)phthalate	36.5	0.500	"	50.0		73.0	10-171				
Fluoranthene	33.0	0.0500	"	50.0		66.0	33-126				
Fluorene	35.4	0.0500	"	50.0		70.8	28-117				
Hexachlorobenzene	30.6	0.0200	"	50.0		61.2	27-120				
Hexachlorobutadiene	28.2	0.500	"	50.0		56.5	25-106				
Hexachlorocyclopentadiene	12.3	5.00	"	50.0		24.6	10-99				
Hexachloroethane	25.7	0.500	"	50.0		51.4	33-84				
Indeno(1,2,3-cd)pyrene	37.7	0.0500	"	50.0		75.3	10-150				
Isophorone	34.1	5.00	"	50.0		68.2	29-115				
2-Methylnaphthalene	30.6	5.00	"	50.0		61.3	33-101				
2-Methylphenol	19.8	5.00	"	50.0		39.6	10-90				
3- & 4-Methylphenols	18.8	5.00	"	50.0		37.7	10-101				
Naphthalene	28.1	0.0500	"	50.0		56.2	30-99				
4-Nitroaniline	40.1	5.00	"	50.0		80.2	15-143				
3-Nitroaniline	45.3	5.00	"	50.0		90.5	29-128				
2-Nitroaniline	39.6	5.00	"	50.0		79.2	31-122				
Nitrobenzene	32.2	0.250	"	50.0		64.4	32-113				
4-Nitrophenol	17.1	5.00	"	50.0		34.2	10-112				
2-Nitrophenol	31.5	5.00	"	50.0		63.0	37-97				
N-nitroso-di-n-propylamine	29.6	5.00	"	50.0		59.1	36-118				
N-Nitrosodimethylamine	14.7	0.500	"	50.0		29.5	10-63				
N-Nitrosodiphenylamine	36.6	5.00	"	50.0		73.2	27-145				
Pentachlorophenol	29.9	0.250	"	50.0		59.7	19-127				
Phenanthrene	36.6	0.0500	"	50.0		73.2	31-112				
Phenol	12.4	5.00	"	50.0		24.8	10-37				
Pyrene	39.3	0.0500	"	50.0		78.7	42-125				
Pyridine	11.0	5.00	"	50.0		22.1	10-46				
1,2,4-Trichlorobenzene	28.0	5.00	"	50.0		56.0	35-91				
2,4,5-Trichlorophenol	33.8	5.00	"	50.0		67.6	36-112				
2,4,6-Trichlorophenol	35.8	5.00	"	50.0		71.6	41-107				
Surrogate: 2-Fluorophenol	*24.3*		*"*	*76.8*		*31.6*	*10-53*				
Surrogate: Phenol-d5	*14.3*		*"*	*75.2*		*19.0*	*10-39*				
Surrogate: Nitrobenzene-d5	*28.8*		*"*	*51.4*		*56.1*	*10-120*				
Surrogate: 2-Fluorobiphenyl	*30.1*		*"*	*50.0*		*60.2*	*10-108*				
Surrogate: 2,4,6-Tribromophenol	*51.3*		*"*	*77.8*		*65.9*	*10-150*				
Surrogate: Terphenyl-d14	*41.1*		*"*	*50.2*		*81.9*	*10-143*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD41497 - EPA SW846-3510C Low Level											
Blank (BD41497-BLK1)								Prepared & Analyzed: 04/30/2014			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0760*		*"*	*0.203*		*37.4*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.119*		*"*	*0.215*		*55.3*	*30-120*				
LCS (BD41497-BS2)								Prepared & Analyzed: 04/30/2014			
Aroclor 1016	0.748	0.0500	ug/L	1.00		74.8	40-120				
Aroclor 1260	0.877	0.0500	"	1.00		87.7	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0820*		*"*	*0.203*		*40.4*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.114*		*"*	*0.215*		*53.0*	*30-120*				
LCS Dup (BD41497-BSD2)								Prepared & Analyzed: 04/30/2014			
Aroclor 1016	0.814	0.0500	ug/L	1.00		81.4	40-120		8.37	30	
Aroclor 1260	0.962	0.0500	"	1.00		96.2	40-120		9.20	30	
Surrogate: Tetrachloro-m-xylene	*0.0950*		*"*	*0.203*		*46.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.129*		*"*	*0.215*		*60.0*	*30-120*				
Batch BE40230 - EPA SW846-3510C Low Level											
Blank (BE40230-BLK1)								Prepared & Analyzed: 05/05/2014			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0930*		*"*	*0.203*		*45.8*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.144*		*"*	*0.215*		*67.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE40230 - EPA SW846-3510C Low Level											
LCS (BE40230-BS2)							Prepared & Analyzed: 05/05/2014				
Aroclor 1016	0.984	0.0500	ug/L	1.00		98.4	40-120				
Aroclor 1260	1.17	0.0500	"	1.00		117	40-120				
Surrogate: Tetrachloro-m-xylene	*0.103*		*"*	*0.203*		*50.7*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.165*		*"*	*0.215*		*76.7*	*30-120*				
LCS Dup (BE40230-BSD2)							Prepared & Analyzed: 05/05/2014				
Aroclor 1016	0.873	0.0500	ug/L	1.00		87.3	40-120		11.9	30	
Aroclor 1260	1.09	0.0500	"	1.00		109	40-120		7.35	30	
Surrogate: Tetrachloro-m-xylene	*0.100*		*"*	*0.203*		*49.3*	*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 BD41555 - EPA 3010A											
Blank (BD41555-BLK1)								Prepared & Analyzed: 04/30/2014			
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 (BD41555-SRM1)								Prepared & Analyzed: 04/30/2014			
Aluminum - Dissolved	3.01	0.010	mg/L	3.16		95.2	82.9-116				
Antimony - Dissolved	0.633	0.005	"	0.687		92.2	70.6-120				
Arsenic - Dissolved	0.212	0.004	"	0.243		87.4	82.7-118				
Barium - Dissolved	1.97	0.010	"	1.99		99.0	86.9-113				
Beryllium - Dissolved	0.447	0.001	"	0.487		91.8	85-113				
Cadmium - Dissolved	0.183	0.003	"	0.198		92.5	84.8-114				
Chromium - Dissolved	0.727	0.005	"	0.780		93.1	87.2-113				
Cobalt - Dissolved	0.198	0.005	"	0.198		100	87.4-113				
Copper - Dissolved	0.160	0.003	"	0.170		94.4	89.4-111				
Iron - Dissolved	0.350	0.020	"	0.322		109	87.3-115				
Lead - Dissolved	0.207	0.003	"	0.213		97.1	85-115				
Manganese - Dissolved	1.61	0.005	"	1.64		98.2	89.6-111				
Nickel - Dissolved	1.44	0.005	"	1.58		91.3	89.9-111				
Selenium - Dissolved	1.13	0.010	"	1.28		88.6	79.6-116				
Silver - Dissolved	0.444	0.005	"	0.477		93.2	85.7-114				
Thallium - Dissolved	0.387	0.005	"	0.409		94.7	79-121				
Vanadium - Dissolved	0.456	0.010	"	0.502		90.9	87.5-112				
Zinc - Dissolved	1.29	0.010	"	1.40		92.1	85.7-114				

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 BD41555 - EPA 3010A											
Reference (BD41555-SRM2)								Prepared & Analyzed: 04/30/2014			
Calcium - Dissolved	65.5	0.050	mg/L	62.7		105	86-114				
Magnesium - Dissolved	29.6	0.050	"	29.0		102	86.2-114				
Potassium - Dissolved	36.1	0.050	"	32.4		111	85.2-115				
Sodium - Dissolved	91.5	0.100	"	85.1		108	85-115				
Batch BD41557 - EPA 3010A											
Blank (BD41557-BLK1)								Prepared & Analyzed: 04/30/2014			
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	"								

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 BD41557 - EPA 3010A											
Reference (BD41557-SRM1)							Prepared & Analyzed: 04/30/2014				
Aluminum	3.06	0.010	mg/L	3.16		96.7	82.9-116				
Antimony	0.631	0.005	"	0.687		91.8	70.6-120				
Arsenic	0.211	0.004	"	0.243		86.6	82.7-118				
Barium	1.95	0.010	"	1.99		98.0	86.9-113				
Beryllium	0.451	0.001	"	0.487		92.5	85-113				
Cadmium	0.182	0.003	"	0.198		91.8	84.8-114				
Chromium	0.718	0.005	"	0.780		92.0	87.2-113				
Cobalt	0.198	0.005	"	0.198		100	87.4-113				
Copper	0.158	0.003	"	0.170		92.7	89.4-111				
Iron	0.347	0.020	"	0.322		108	87.3-115				
Lead	0.205	0.003	"	0.213		96.3	85-115				
Manganese	1.62	0.005	"	1.64		98.7	89.6-111				
Nickel	1.43	0.005	"	1.58		90.2	89.9-111				
Selenium	1.13	0.010	"	1.28		87.9	79.6-116				
Silver	0.441	0.005	"	0.477		92.5	85.7-114				
Thallium	0.380	0.005	"	0.409		92.8	79-121				
Vanadium	0.451	0.010	"	0.502		89.9	87.5-112				
Zinc	1.28	0.010	"	1.40		91.4	85.7-114				
Reference (BD41557-SRM2)							Prepared & Analyzed: 04/30/2014				
Calcium	65.9	0.050	mg/L	62.7		105	86-114				
Magnesium	29.7	0.050	"	29.0		102	86.2-114				
Potassium	36.8	0.050	"	32.4		113	85.2-115				
Sodium	92.3	0.100	"	85.1		108	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 BE40037 - EPA SW846-7470											
Blank (BE40037-BLK1)								Prepared & Analyzed: 05/01/2014			
Mercury - Dissolved	ND	0.0002000	mg/L								
Mercury	ND	0.0002	"								
Blank (BE40037-BLK2)								Prepared & Analyzed: 05/01/2014			
Mercury	ND	0.0002	mg/L								
Mercury - Dissolved	ND	0.0002000	"								
LCS (BE40037-BS1)								Prepared & Analyzed: 05/01/2014			
Mercury	0.002106	0.0002	mg/L	0.00200		105	80-120				
Mercury - Dissolved	0.002106	0.0002000	"	0.00200		105	80-120				
LCS (BE40037-BS2)								Prepared & Analyzed: 05/01/2014			
Mercury	0.002066	0.0002	mg/L	0.00200		103	80-120				
Mercury - Dissolved	0.002066	0.0002000	"	0.00200		103	80-120				

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 BD41403 - Analysis Preparation											
Blank (BD41403-BLK1)								Prepared & Analyzed: 04/28/2014			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BD41403-BS1)								Prepared & Analyzed: 04/28/2014			
Chromium, Hexavalent	0.500	0.0100	mg/L	0.500		100	80-120				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14D1165-01	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14D1165-02	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14D1165-03	Field Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
14D1165-04	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

S-HI	Surrogate recovery is above acceptance limits. No target compound is detected in sample.
S-08	The recovery of this surrogate was outside of QC limits.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-LSRD	Original sample conc <50 X reporting limit.
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.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
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 of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

Corrective Action: The samples were received out of hold for Hexavalent Chromium analysis. Per the client, all samples are to be analyzed for VOC, PCB, TAL Metals (T/D) and hexavalent chromium only.

Corrective Action: Single ion mnonitoring (SIM) analysis of the project samples was not performed due to the matrix of the samples. All target compounds were reported from GC/.MS full scan analysis.

Revision Description: Added additional tests.

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 14D1165

YOUR Information		Report to:		Invoice To:		Your Project ID	Turn-Around Time		Report/Deliverable Type	
Company:	Hydro Tech Env. Corp.	SAME	x	SAME		#130175 82 Brown PL Bronx NY	RUSH-Same Day		Summary Report	x
Address:	15 Ocean Ave. 2nd Fl	Name:		Name:	Muslima		RUSH-Next Day		QA Report	X
	Bklyn , NY 11225	Company:		Company:	Hydro Tech Env. Corp.	Purchase Order #	RUSH-Two Day		CT RCP	
Phone.:	718-636-0800	Address:		Address:	77 Arkay Dr. Suite G		RUSH-Three Day		CT RCP DQA/DUE Pkg	
Contact:	Paul I. Matli				Hauppauge Ny	5055	~~RUSH~~-Four Day	X	NY ASP A Package	
E-mail:	pmatli...hydrotechenvironmental.com	E-mail:		E-mail	mward...hydrotechenvironmental c	Samples from CT__NY__NJ__	Standard (5-7day)		NY ASP B Package	
									NJDEP Reduced Deliv	
									Excel	x
									NYSDEC EQuIS	X
									NJDEP SRP HazSite	
									EQuIS	
									GIS/KEY (std)	
									YORK Regulatory Comp Excel compared to:	
									See Comment below	
									OTHER:	

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.

Sylvester Castillo / Paul I Matli
Samples Collected/Authorized By (Signature)

Paul I Matli
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
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indic.Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW-2	4/25/2014	GW	EPA 8260/8270BNA/8081/8082/TAL& Diss Metals (Incl.Chromium Hex)	3x40ml vial,2x250 plastic,-3x1L amber 1x250 ml plastic
MW-3	x	GW	x	x
Filed Blank	x	DI	x	x
Trip Blank	x	DI	EPA 8260	3x40ml via

Comments:

Apply E -designation quote for billing

Preservation (check all 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	4/27/14 Date/Time	K Barker	4/28/14 Date/Time	Temperature on Receipt
Samples Relinquished By	Date/Time	C Schreck	4/28/14 Date/Time	5.6 °C

1245pm

1840

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 14D1165

YOUR Information	Report to:	Invoice To:	Your Project ID	Turn-Around Time	Report/Deliverable Type
Company: Hydro Tech Env. Corp.	SAME [x]	SAME [ ]	#130175 82 Brown PL Bronx NY	RUSH-Same Day	Summary Report x
Address: 15 Ocean Ave. 2nd Fl Bklyn, NY 11225	Name:	Name: Muslima		RUSH-Next Day	QA Report X
Phone.: 718-636-0800	Company:	Company: Hydro Tech Env. Corp.	Purchase Order #	RUSH-Two Day	CT RCP
Contact: Paul I. Matli	Address:	Address: 77 Arkay Dr. Suite G Hauppauge Ny		RUSH-Three Day	CT RCP DQA/DUE Pkg
E-mail: pmatli...hydrotechenvironmental.com	E-mail:	E-mail mward...hydrotechenvironmental.c	5055	RUSH-Four Day X	NY ASP A Package
			Samples from CT__NY__NJ__	Standard (5-7day)	NY ASP B Package
					NJDEP Reduced Deliv
					Excel x
					NYSDEC EQuIS X
					NJDEP SRP HazSite
					EQuIS
					GIS/KEY (std)
					YORK Regulatory Comp Excel compared to:
					See Comment below
					OTHER:

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.

Sylvester Cottle / Paul I. Matli

Samples Collected/Authorized By (Signature)

Paul I. Matli

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
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded Pesticides/Herbicides
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indic.Metals	Air TICs	NYCDEP Sewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW-2	4/25/2014	GW	EPA 8260/8270BNA/8081/8082/TAL& Diss Metals (incl.Chromium Hex)	3x40ml val,2x250 plastic,-3x1L amber 1x250 ml plastic
MW-3	x	GW	x	x
Filed Blank	x	DI	x	x
Trip Blank	x	DI	EPA 8260	3x40ml via

Run VOC's, PCBs, TAL metals (total + diss) + Cr +6 as discussed w/ Paul Matli 4/29/14

Comments:

Apply E -designation quote for billing

Preservation (check all applicable): 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions: Field Filtered [ ] Lab to Filter [X]

Samples Relinquished By	Date/Time 4/27/14	Samples Received By K Barker	Date/Time 4/28/14
Samples Relinquished By	Date/Time	Samples Received in LAB by C Schreck	Date/Time 4/28/14

Temperature on Receipt 5.6°C

14:50 pm

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

Field Chain-of-Custody Record

Page 1 of 1

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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. 14E0060

YOUR Information		Report to:		Invoice To:		Your Project ID	Turn-Around Time		Report/Deliverable Type	
Company:	Hydro Tech Env. Corp.	SAME	x	SAME		#130175 82 Brown PL Bronx NY	RUSH-Same Day		Summary Report	x
Address:	15 Ocean Ave. 2nd Fl	Name:		Name:	Muslima		RUSH-Next Day		QA Report	X
	Bklyn , NY 11225	Company:		Company:	Hydro Tech Env. Corp.	Purchase Order #	RUSH-Two Day		CT RCP	
Phone.:	718-636-0800	Address:		Address:	77 Arkay Dr. Suite G		RUSH-Three Day		CT RCP DQA/DUE Pkg	
Contact:	Paul I. Matli				Hauppauge Ny	5055	~~RUSH~~-Four Day	X	NY ASP A Package	
E-mail:	pmatli...hydrotechenvironmental.com	E-mail:		E-mail	mward...hydrotechenvironmental.c	Samples from CT__NY__NJ__	Standard (5-7day)		NY ASP B Package	
									NJDEP Reduced Deliv	
									Excel	x
									NYSDEC EQuIS	X
									NJDEP SRP HazSite	
									EQuIS	
									GIS/KEY (std)	
									YORK Regulatory Comp Excel compared to:	
									See Comment below	
									OTHER:	

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)

Paul I. Matli
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
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List
Halog.only	NJDEP list	App. IX	Chlordane	Indic.Metals	Air TICs	NYCDEPSewer
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDECSewer
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
MW-2	4/29/2014	GW	EPA 8270BNA/8082	2x1L ambers
MW-3	x	GW	x	x

Comments:

Please associate this COC with COC dated 4/21/14
Apply E -designation quote for billing

Preservation (check all 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	Temperature on Receipt
Paul I. Matli	5.1.14		5/1/14 13	3.4°C
		Grace	5-1-14 1800	
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	

APPENDIX-J
LABORATORY DATA DELIVERABLES FOR SOIL VAPOR and INDOOR ANALYTICAL DATA

Technical Report

prepared for:

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

Report Date: 02/17/2014
Client Project ID: 130175-82 Brown Place Bronx, NY
York Project (SDG) No.: 14B0299

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

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

Report Date: 02/17/2014
Client Project ID: 130175-82 Brown Place Bronx, NY
York Project (SDG) No.: 14B0299

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 February 12, 2014 and listed below. The project was identified as your project: **130175-82 Brown Place Bronx, 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
14B0299-01	SV-1	Soil Vapor	02/11/2014	02/12/2014
14B0299-02	SV-2	Soil Vapor	02/11/2014	02/12/2014
14B0299-03	SV-3	Soil Vapor	02/11/2014	02/12/2014
14B0299-04	SV-4	Soil Vapor	02/11/2014	02/12/2014
14B0299-05	AI-1	Indoor Ambient Air	02/11/2014	02/12/2014

General Notes for York Project (SDG) No.: 14B0299

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

Approved By:

Date: 02/17/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **SV-1** **York Sample ID:** **14B0299-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0299	130175-82 Brown Place Bronx, NY	Soil Vapor	February 11, 2014 3:00 pm	02/12/2014

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	9.4	9.4	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
108-05-4	Vinyl acetate	ND		ug/m³	13	13	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
79-01-6	Trichloroethylene	ND		ug/m³	9.9	9.9	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	17	17	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	15	15	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
108-88-3	Toluene	**430**		ug/m³	14	14	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
109-99-9	Tetrahydrofuran	ND		ug/m³	11	11	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
127-18-4	Tetrachloroethylene	ND		ug/m³	25	25	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
100-42-5	Styrene	ND		ug/m³	16	16	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
115-07-1	Propylene	ND		ug/m³	6.3	6.3	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
622-96-8	p-Ethyltoluene	ND		ug/m³	18	18	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m³	32	32	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
95-47-6	o-Xylene	ND		ug/m³	16	16	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
110-54-3	n-Hexane	ND		ug/m³	13	13	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
142-82-5	n-Heptane	ND		ug/m³	15	15	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
75-09-2	Methylene chloride	**22**	B	ug/m³	13	13	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	13	13	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	15	15	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
67-63-0	Isopropanol	ND		ug/m³	18	18	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	39	39	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	16	16	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
141-78-6	Ethyl acetate	ND		ug/m³	13	13	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
110-82-7	Cyclohexane	**210**		ug/m³	13	13	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	17	17	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	15	15	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
74-87-3	Chloromethane	ND		ug/m³	7.6	7.6	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
67-66-3	Chloroform	**270**		ug/m³	18	18	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
75-00-3	Chloroethane	ND		ug/m³	9.7	9.7	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	12	12	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
75-15-0	Carbon disulfide	ND		ug/m³	11	11	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD

Sample Information

Client Sample ID: **SV-1** **York Sample ID:** **14B0299-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0299	130175-82 Brown Place Bronx, NY	Soil Vapor	February 11, 2014 3:00 pm	02/12/2014

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
74-83-9	Bromomethane	ND		ug/m³	14	14	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
75-25-2	Bromoform	ND		ug/m³	38	38	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	23	23	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
100-44-7	Benzyl chloride	ND		ug/m³	19	19	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
71-43-2	Benzene	ND		ug/m³	12	12	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
67-64-1	Acetone	**16**		ug/m³	8.7	8.7	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
591-78-6	2-Hexanone	ND		ug/m³	30	30	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
78-93-3	2-Butanone	ND		ug/m³	11	11	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	13	13	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	22	22	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	22	22	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	16	16	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	18	18	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	26	26	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	17	17	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	15	15	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	22	22	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	18	18	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	27	27	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	15	15	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	15	15	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	21	21	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	20	20	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	28	28	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	25	25	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	20	20	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	18	18	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	28	28	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	29	29	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	15	15	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD
108-90-7	Chlorobenzene	ND		ug/m³	17	17	36.06	EPA TO-15	02/14/2014 11:32	02/14/2014 11:36	ALD

Sample Information

Client Sample ID: **SV-1** **York Sample ID:** **14B0299-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0299	130175-82 Brown Place Bronx, NY	Soil Vapor	February 11, 2014 3:00 pm	02/12/2014

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
	Surrogate Recoveries	**Result**		**Acceptance Range**							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*79.3 %*		*70-130*							

Sample Information

Client Sample ID: **SV-2** **York Sample ID:** **14B0299-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0299	130175-82 Brown Place Bronx, NY	Soil Vapor	February 11, 2014 3:00 pm	02/12/2014

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	5.3	5.3	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
108-05-4	Vinyl acetate	ND		ug/m³	7.4	7.4	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
79-01-6	Trichloroethylene	ND		ug/m³	5.6	5.6	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.5	9.5	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	8.3	8.3	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
108-88-3	Toluene	**14**		ug/m³	7.9	7.9	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
109-99-9	Tetrahydrofuran	ND		ug/m³	6.2	6.2	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
127-18-4	Tetrachloroethylene	ND		ug/m³	14	14	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
100-42-5	Styrene	ND		ug/m³	8.9	8.9	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
115-07-1	Propylene	ND		ug/m³	3.6	3.6	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
622-96-8	p-Ethyltoluene	ND		ug/m³	10	10	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m³	18	18	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
95-47-6	o-Xylene	ND		ug/m³	9.1	9.1	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
110-54-3	n-Hexane	ND		ug/m³	7.4	7.4	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
142-82-5	n-Heptane	ND		ug/m³	8.6	8.6	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
75-09-2	Methylene chloride	**10**	B	ug/m³	7.3	7.3	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.5	7.5	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.6	8.6	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
67-63-0	Isopropanol	ND		ug/m³	10	10	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	22	22	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	9.1	9.1	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 14B0299-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0299	130175-82 Brown Place Bronx, NY	Soil Vapor	February 11, 2014 3:00 pm	02/12/2014

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
141-78-6	Ethyl acetate	ND		ug/m³	7.5	7.5	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
110-82-7	Cyclohexane	ND		ug/m³	7.2	7.2	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.5	9.5	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	8.3	8.3	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
74-87-3	Chloromethane	ND		ug/m³	4.3	4.3	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
67-66-3	Chloroform	**460**		ug/m³	10	10	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
75-00-3	Chloroethane	ND		ug/m³	5.5	5.5	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	6.6	6.6	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
75-15-0	Carbon disulfide	**100**		ug/m³	6.5	6.5	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
74-83-9	Bromomethane	ND		ug/m³	8.1	8.1	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
75-25-2	Bromoform	ND		ug/m³	22	22	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	13	13	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
100-44-7	Benzyl chloride	ND		ug/m³	11	11	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
71-43-2	Benzene	ND		ug/m³	6.7	6.7	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
67-64-1	Acetone	**110**		ug/m³	5.0	5.0	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
591-78-6	2-Hexanone	ND		ug/m³	17	17	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
78-93-3	2-Butanone	**9.9**		ug/m³	6.2	6.2	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	7.5	7.5	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	13	13	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	13	13	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	9.1	9.1	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	10	10	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	15	15	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.7	9.7	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.5	8.5	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	13	13	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	10	10	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	16	16	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	8.3	8.3	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.5	8.5	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	12	12	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 14B0299-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0299	130175-82 Brown Place Bronx, NY	Soil Vapor	February 11, 2014 3:00 pm	02/12/2014

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
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	16	16	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	14	14	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	10	10	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	16	16	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	17	17	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	8.6	8.6	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD
108-90-7	Chlorobenzene	ND		ug/m³	9.6	9.6	20.57	EPA TO-15	02/14/2014 11:32	02/14/2014 12:16	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*83.5 %*	*70-130*

Sample Information

Client Sample ID: SV-3 **York Sample ID:** 14B0299-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0299	130175-82 Brown Place Bronx, NY	Soil Vapor	February 11, 2014 3:00 pm	02/12/2014

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	4.6	4.6	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
108-05-4	Vinyl acetate	ND		ug/m³	6.3	6.3	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
79-01-6	Trichloroethylene	ND		ug/m³	4.8	4.8	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.2	8.2	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.1	7.1	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
108-88-3	Toluene	**20**		ug/m³	6.8	6.8	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
109-99-9	Tetrahydrofuran	ND		ug/m³	5.3	5.3	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
127-18-4	Tetrachloroethylene	ND		ug/m³	12	12	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
100-42-5	Styrene	ND		ug/m³	7.7	7.7	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
115-07-1	Propylene	ND		ug/m³	3.1	3.1	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
622-96-8	p-Ethyltoluene	ND		ug/m³	8.8	8.8	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m³	16	16	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **14B0299-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0299	130175-82 Brown Place Bronx, NY	Soil Vapor	February 11, 2014 3:00 pm	02/12/2014

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
95-47-6	o-Xylene	ND		ug/m³	7.8	7.8	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
110-54-3	n-Hexane	**27**		ug/m³	6.3	6.3	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
142-82-5	n-Heptane	**19**		ug/m³	7.4	7.4	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
75-09-2	Methylene chloride	**16**	B	ug/m³	6.2	6.2	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.5	6.5	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.4	7.4	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
67-63-0	Isopropanol	ND		ug/m³	8.8	8.8	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	19	19	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	7.8	7.8	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
141-78-6	Ethyl acetate	ND		ug/m³	6.5	6.5	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
110-82-7	Cyclohexane	ND		ug/m³	6.2	6.2	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.2	8.2	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.1	7.1	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
74-87-3	Chloromethane	ND		ug/m³	3.7	3.7	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
67-66-3	Chloroform	**120**		ug/m³	8.8	8.8	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
75-00-3	Chloroethane	ND		ug/m³	4.7	4.7	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	5.7	5.7	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
75-15-0	Carbon disulfide	**6.2**		ug/m³	5.6	5.6	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
74-83-9	Bromomethane	ND		ug/m³	7.0	7.0	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
75-25-2	Bromoform	ND		ug/m³	19	19	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
100-44-7	Benzyl chloride	ND		ug/m³	9.3	9.3	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
71-43-2	Benzene	ND		ug/m³	5.7	5.7	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
67-64-1	Acetone	**79**		ug/m³	4.3	4.3	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
591-78-6	2-Hexanone	ND		ug/m³	15	15	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
78-93-3	2-Butanone	**10**		ug/m³	5.3	5.3	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	6.5	6.5	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	11	11	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	11	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	7.8	7.8	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.8	8.8	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	13	13	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **14B0299-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0299	130175-82 Brown Place Bronx, NY	Soil Vapor	February 11, 2014 3:00 pm	02/12/2014

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
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.3	8.3	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.3	7.3	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	11	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	8.8	8.8	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	13	13	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.1	7.1	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.3	7.3	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	10	10	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.8	9.8	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	14	14	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.8	9.8	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	8.9	8.9	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	14	14	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	7.4	7.4	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD
108-90-7	Chlorobenzene	ND		ug/m³	8.3	8.3	17.68	EPA TO-15	02/14/2014 11:32	02/14/2014 12:56	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*86.5 %*	*70-130*

Sample Information

Client Sample ID: **SV-4** **York Sample ID:** **14B0299-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0299	130175-82 Brown Place Bronx, NY	Soil Vapor	February 11, 2014 3:00 pm	02/12/2014

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	4.9	4.9	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
108-05-4	Vinyl acetate	ND		ug/m³	6.7	6.7	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
79-01-6	Trichloroethylene	ND		ug/m³	5.1	5.1	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 14B0299-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0299	130175-82 Brown Place Bronx, NY	Soil Vapor	February 11, 2014 3:00 pm	02/12/2014

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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	8.6	8.6	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.5	7.5	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
108-88-3	Toluene	**13**		ug/m³	7.2	7.2	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
109-99-9	Tetrahydrofuran	ND		ug/m³	5.6	5.6	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
127-18-4	Tetrachloroethylene	ND		ug/m³	13	13	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
100-42-5	Styrene	ND		ug/m³	8.1	8.1	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
115-07-1	Propylene	ND		ug/m³	3.3	3.3	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
622-96-8	p-Ethyltoluene	ND		ug/m³	9.3	9.3	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
179601-23-1	p- & m- Xylenes	ND		ug/m³	16	16	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
95-47-6	o-Xylene	ND		ug/m³	8.2	8.2	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
110-54-3	n-Hexane	**11**		ug/m³	6.7	6.7	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
142-82-5	n-Heptane	ND		ug/m³	7.8	7.8	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
75-09-2	Methylene chloride	**11**	B	ug/m³	6.6	6.6	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.8	6.8	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.8	7.8	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
67-63-0	Isopropanol	ND		ug/m³	9.3	9.3	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	20	20	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	8.2	8.2	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
141-78-6	Ethyl acetate	ND		ug/m³	6.8	6.8	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
110-82-7	Cyclohexane	ND		ug/m³	6.5	6.5	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	8.6	8.6	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.5	7.5	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
74-87-3	Chloromethane	ND		ug/m³	3.9	3.9	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
67-66-3	Chloroform	**700**		ug/m³	9.3	9.3	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
75-00-3	Chloroethane	ND		ug/m³	5.0	5.0	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	6.0	6.0	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
75-15-0	Carbon disulfide	ND		ug/m³	5.9	5.9	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
74-83-9	Bromomethane	ND		ug/m³	7.4	7.4	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
75-25-2	Bromoform	ND		ug/m³	20	20	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	12	12	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
100-44-7	Benzyl chloride	ND		ug/m³	9.8	9.8	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
71-43-2	Benzene	ND		ug/m³	6.1	6.1	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD

Sample Information

Client Sample ID: **SV-4** **York Sample ID:** **14B0299-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0299	130175-82 Brown Place Bronx, NY	Soil Vapor	February 11, 2014 3:00 pm	02/12/2014

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
67-64-1	Acetone	**19**		ug/m³	4.5	4.5	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
591-78-6	2-Hexanone	ND		ug/m³	16	16	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
78-93-3	2-Butanone	ND		ug/m³	5.6	5.6	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	6.8	6.8	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	11	11	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	11	11	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	8.2	8.2	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	9.3	9.3	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	13	13	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.8	8.8	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.7	7.7	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	11	11	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	9.3	9.3	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	14	14	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.5	7.5	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.7	7.7	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	11	11	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	10	10	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	15	15	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	13	13	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	10	10	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.4	9.4	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	15	15	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	15	15	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	7.8	7.8	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD
108-90-7	Chlorobenzene	ND		ug/m³	8.7	8.7	18.67	EPA TO-15	02/14/2014 11:32	02/14/2014 13:36	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*88.6 %*	*70-130*

Sample Information

Client Sample ID: **AI-1** **York Sample ID:** **14B0299-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0299	130175-82 Brown Place Bronx, NY	Indoor Ambient Air	February 11, 2014 3:00 pm	02/12/2014

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	02/14/2014 11:32	02/14/2014 18:18	ALD
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
79-01-6	Trichloroethylene	ND		ug/m³	0.27	0.27	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
108-88-3	Toluene	**6.6**		ug/m³	0.38	0.38	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
109-99-9	Tetrahydrofuran	**2.8**		ug/m³	0.30	0.30	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.69	0.69	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
100-42-5	Styrene	**0.43**		ug/m³	0.43	0.43	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
115-07-1	Propylene	ND		ug/m³	0.18	0.18	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
622-96-8	p-Ethyltoluene	**1.6**		ug/m³	0.50	0.50	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
179601-23-1	p- & m- Xylenes	**3.3**		ug/m³	0.88	0.88	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
95-47-6	o-Xylene	**1.2**		ug/m³	0.44	0.44	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
110-54-3	n-Hexane	**7.8**		ug/m³	0.36	0.36	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
142-82-5	n-Heptane	**3.5**		ug/m³	0.42	0.42	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
75-09-2	Methylene chloride	**41**	B	ug/m³	0.35	0.35	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	0.37	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.42	0.42	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
67-63-0	Isopropanol	**6.0**		ug/m³	0.50	0.50	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
100-41-4	Ethyl Benzene	**1.0**		ug/m³	0.44	0.44	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
141-78-6	Ethyl acetate	ND		ug/m³	0.37	0.37	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
110-82-7	Cyclohexane	**0.70**		ug/m³	0.35	0.35	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
74-87-3	Chloromethane	**1.8**		ug/m³	0.21	0.21	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
67-66-3	Chloroform	**1.7**		ug/m³	0.50	0.50	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
56-23-5	Carbon tetrachloride	**0.90**		ug/m³	0.32	0.32	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
75-15-0	Carbon disulfide	**0.32**		ug/m³	0.32	0.32	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.63	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD

Sample Information

Client Sample ID: **AI-1** **York Sample ID:** **14B0299-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14B0299	130175-82 Brown Place Bronx, NY	Indoor Ambient Air	February 11, 2014 3:00 pm	02/12/2014

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
100-44-7	Benzyl chloride	ND		ug/m³	0.53	0.53	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
71-43-2	Benzene	**2.6**		ug/m³	0.32	0.32	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
67-64-1	Acetone	**23**		ug/m³	0.24	0.24	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
591-78-6	2-Hexanone	ND		ug/m³	0.83	0.83	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
78-93-3	2-Butanone	**2.5**		ug/m³	0.30	0.30	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
106-99-0	1,3-Butadiene	**0.84**		ug/m³	0.44	0.44	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
108-67-8	1,3,5-Trimethylbenzene	**0.80**		ug/m³	0.50	0.50	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	0.71	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
95-63-6	1,2,4-Trimethylbenzene	**2.3**		ug/m³	0.50	0.50	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	**3.3**		ug/m³	0.57	0.57	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 111	**1.0**		ug/m³	0.78	0.78	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
75-71-8	Dichlorodifluoromethane	**4.5**		ug/m³	0.50	0.50	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.82	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.42	0.42	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1	EPA TO-15	02/14/2014 11:32	02/14/2014 18:18	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*84.6 %*	*70-130*

Analytical Batch Summary

Batch ID: BB40482 **Preparation Method:** EPA TO15 PREP **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14B0299-01	SV-1	02/14/14
14B0299-02	SV-2	02/14/14
14B0299-03	SV-3	02/14/14
14B0299-04	SV-4	02/14/14
14B0299-05	AI-1	02/14/14
BB40482-BLK1	Blank	02/14/14
BB40482-BS1	LCS	02/14/14
BB40482-DUP1	Duplicate	02/14/14

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 BB40482 - EPA TO15 PREP											
Blank (BB40482-BLK1)								Prepared & Analyzed: 02/14/2014			
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	0.35	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 BB40482 - EPA TO15 PREP											
Blank (BB40482-BLK1)								Prepared & Analyzed: 02/14/2014			
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	*7.61*		*ppbv*	*10.6*		*71.8*	*70-130*				
LCS (BB40482-BS1)								Prepared & Analyzed: 02/14/2014			
Vinyl Chloride	8.58		ppbv	10.5		81.7	70-130				
Vinyl acetate	9.80		"	10.4		94.2	58.1-135				
Trichloroethylene	8.21		"	10.6		77.5	70-130				
trans-1,3-Dichloropropylene	9.89		"	11.5		86.0	62-135				
trans-1,2-Dichloroethylene	8.88		"	10.3		86.2	58.3-130				
Toluene	8.80		"	11.0		80.0	64.9-126				
Tetrahydrofuran	9.41		"	10.8		87.1	44.6-146				
Tetrachloroethylene	9.12		"	10.8		84.4	70-130				
Styrene	9.69		"	10.9		88.9	66.4-132				
Propylene	8.43		"	11.5		73.3	62.4-150				
p-Ethyltoluene	9.26		"	10.4		89.0	73.8-146				
p- & m- Xylenes	16.6		"	21.8		76.1	56.6-136				
o-Xylene	8.47		"	11.0		77.0	67.8-133				
n-Hexane	9.36		"	10.9		85.9	59.7-130				
n-Heptane	8.59		"	10.9		78.8	62.3-134				
Methylene chloride	7.01		"	9.70		72.3	62.6-130				
Methyl tert-butyl ether (MTBE)	10.8		"	10.3		105	60.7-139				
4-Methyl-2-pentanone	8.35		"	10.6		78.8	64.5-158				
Isopropanol	13.0		"	10.9		119	60-150				
Hexachlorobutadiene	9.87		"	10.2		96.8	61.2-150				
Ethyl Benzene	8.53		"	11.0		77.5	68.4-125				
Ethyl acetate	9.01		"	11.0		81.9	40.6-150				
Cyclohexane	9.42		"	10.8		87.2	60.4-127				
cis-1,3-Dichloropropylene	8.74		"	10.9		80.2	65.5-129				
cis-1,2-Dichloroethylene	9.44		"	10.8		87.4	51.3-118				
Chloromethane	7.61		"	10.3		73.9	64.9-130				
Chloroform	9.80		"	11.0		89.1	65.1-130				
Chloroethane	8.34		"	10.3		81.0	52.1-131				
Carbon tetrachloride	10.1		"	10.5		95.9	70-130				
Carbon disulfide	9.48		"	10.5		90.3	61.8-111				
Bromomethane	8.82		"	10.5		84.0	60.1-140				
Bromoform	9.65		"	10.9		88.5	58.7-150				
Bromodichloromethane	7.86		"	10.6		74.2	65.3-127				
Benzyl chloride	10.7		"	10.8		98.9	62.5-150				
Benzene	9.62		"	10.8		89.1	69.5-130				
Acetone	8.68		"	11.0		78.9	55.3-133				
2-Hexanone	12.1		"	10.9		111	52-150				
2-Butanone	10.5		"	10.9		96.4	28.5-154				
1,4-Dioxane	11.8		"	10.6		112	50-150				

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 BB40482 - EPA TO15 PREP											
LCS (BB40482-BS1)								Prepared & Analyzed: 02/14/2014			
1,4-Dichlorobenzene	9.49		ppbv	10.9		87.1	62.5-139				
1,3-Dichlorobenzene	9.41		"	10.8		87.1	71.9-153				
1,3-Butadiene	8.68		"	10.9		79.6	66.7-127				
1,3,5-Trimethylbenzene	8.97		"	11.0		81.5	65-152				
1,2-Dichlorotetrafluoroethane	9.09		"	10.5		86.6	63.3-129				
1,2-Dichloropropane	7.59		"	11.0		69.0	21.3-152				
1,2-Dichloroethane	9.23		"	10.7		86.3	51.2-124				
1,2-Dichlorobenzene	9.02		"	10.7		84.3	63.7-148				
1,2,4-Trimethylbenzene	9.35		"	11.0		85.0	67.9-152				
1,2,4-Trichlorobenzene	12.3		"	10.0		123	58-147				
1,1-Dichloroethylene	8.12		"	9.60		84.6	58.1-130				
1,1-Dichloroethane	8.79		"	10.3		85.3	63.3-130				
Trichlorofluoromethane (Freon 11)	9.31		"	11.0		84.6	56-132				
1,1,2-Trichloroethane	8.65		"	11.0		78.6	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.55		"	9.20		92.9	60.2-125				
1,1,2,2-Tetrachloroethane	8.25		"	11.0		75.0	63.7-132				
1,1,1-Trichloroethane	9.78		"	10.5		93.1	58.2-126				
Dichlorodifluoromethane	9.13		"	10.2		89.5	62.8-133				
1,2-Dibromoethane	9.40		"	11.0		85.5	70-130				
Dibromochloromethane	9.04		"	10.7		84.5	70-130				
Methyl Methacrylate	6.50		"	10.7		60.7	70-130	Low Bias			
Chlorobenzene	8.65		"	11.0		78.6	67.6-122				
Surrogate: p-Bromofluorobenzene	*8.05*		*"*	*10.6*		*75.9*	*70-130*				
Duplicate (BB40482-DUP1)	*Source sample: 14B0299-05 (AI-1)							Prepared & Analyzed: 02/14/2014			
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	6.9	0.38	"		6.6				4.52	25	
Tetrahydrofuran	2.9	0.30	"		2.8				5.29	25	
Tetrachloroethylene	ND	0.69	"		ND					25	
Styrene	ND	0.43	"		ND					25	
Propylene	ND	0.18	"		ND					25	
p-Ethyltoluene	1.7	0.50	"		1.6				2.99	25	
p- & m- Xylenes	3.4	0.88	"		3.3				3.97	25	
o-Xylene	1.2	0.44	"		1.2				0.00	25	
n-Hexane	8.5	0.36	"		7.8				8.39	25	
n-Heptane	3.7	0.42	"		3.5				6.98	25	
Methylene chloride	42	0.35	"		41				3.83	25	
Methyl tert-butyl ether (MTBE)	ND	0.37	"		ND					25	
4-Methyl-2-pentanone	ND	0.42	"		ND					25	
Isopropanol	45	0.50	"		6.0				154	25	Non-dir.
Hexachlorobutadiene	ND	1.1	"		ND					25	
Ethyl Benzene	1.1	0.44	"		1.0				4.26	25	
Ethyl acetate	ND	0.37	"		ND					25	
Cyclohexane	0.74	0.35	"		0.70				4.88	25	
cis-1,3-Dichloropropylene	ND	0.46	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.40	"		ND					25	
Chloromethane	1.9	0.21	"		1.8				6.82	25	
Chloroform	1.9	0.50	"		1.7				8.22	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 BB40482 - EPA TO15 PREP											
Duplicate (BB40482-DUP1)	*Source sample: 14B0299-05 (AI-1)							Prepared & Analyzed: 02/14/2014			
Chloroethane	ND	0.27	ug/m³		ND					25	
Carbon tetrachloride	1.0	0.32	"		0.90				13.3	25	
Carbon disulfide	0.35	0.32	"		ND					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	2.9	0.32	"		2.6				10.5	25	
Acetone	24	0.24	"		23				4.19	25	
2-Hexanone	ND	0.83	"		ND					25	
2-Butanone	2.7	0.30	"		2.5				6.98	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	0.93	0.44	"		0.84				10.0	25	
1,3,5-Trimethylbenzene	0.80	0.50	"		0.80				0.00	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	2.2	0.50	"		2.3				2.20	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)	3.6	0.57	"		3.3				10.0	25	
1,1,2-Trichloroethane	ND	0.55	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1.1	0.78	"		1.0				7.41	25	
1,1,2,2-Tetrachloroethane	ND	0.70	"		ND					25	
1,1,1-Trichloroethane	ND	0.55	"		ND					25	
Dichlorodifluoromethane	4.9	0.50	"		4.5				9.63	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	*7.09*		*ppbv*	*10.6*		*66.9*	*70-130*				

Notes and Definitions

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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.
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.

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.
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. 14B0299

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: HydroTech Environmental	Company:	Company:	130175-82 Brown Place, Bronx, NY	RUSH - Same Day ☐	Summary Report ☒
Address: 15 Oleen Ave, 2nd Floor Brooklyn NY 11225	Address:	Address: 77 Arkay Drive, Suite G Hauppauge NY 11788	Purchase Order No. 6058	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 Matti	Attention:	Attention: Muslima Ward		RUSH - Three Day ☐	NY ASP A Package ___
E-Mail Address: pmatti@hydrotechenvironmental.com	E-Mail Address:	E-Mail Address: muward@hydrotechenvironmental.com	Samples from: CT___ NY ☒ NJ___	RUSH - Four Day ☒	NY ASP B/CLP Pkg ___
				Standard(5-7 Days) ☐	NJDEP Reduced ___
					Electronic Deliverables:
					EDD (Specify Type) ☒
					Standard Excel ☒
					Regulatory Comparison Excel ☒

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Matthew Kearney
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

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum Afer Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
SV-1	2/11/14	AS	-30	-21	EPA TO-15	6 Liter Summa canister ~~472~~ 1/1 Tedlar Bag___
SV-2	↓	↓	↓	-11	↓	6 Liter Summa canister ~~[illegible]~~ 1/1 Tedlar Bag___
SV-3	↓	↓	↓	-2	↓	6 Liter Summa canister ~~[illegible]~~ 1/1 Tedlar Bag___
SV-4	↓	↓	↓	-5	↓	6 Liter Summa canister ~~[illegible]~~ 1/1 Tedlar Bag___
AI-1	↓	AI	-29	-25	↓	6 Liter Summa canister ~~[illegible]~~ 1/1 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

[signature] 2/12/14 12:15pm — Samples Relinquished By / Date/Time	TC [signature] 2/12/14 12:15 — Samples Received By / Date/Time
Samples Relinquished By / Date/Time	[signature] 2/12/14 - 1750 — Samples Received in LAB by / Date/Time