4729 PARK AVENUE

BRONX, NEW YORK

Remedial Investigation Report

NYC VCP Site Number: 15CVCP007X

OER Project Number: 14EH-A368X

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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 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 4729 Park Avenue Site, (NYC VCP Site No. 15CVCP007X and OER Project No. 14EH-A368X). 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.

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 4729 Park Avenue in the Belmont section of the Bronx, New York and is identified as Block 3032 and Lot 37 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 9,375-square feet and is bounded by a three-story police building to the north, a 3-story church to the south, Park Avenue to the east and a 1-story church to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is a vacant parking lot and does not contain any buildings.

Summary of Proposed Redevelopment Plan

The proposed future use of the Site will consist of a new 12-story, mixed use commercial and residential building with a full basement. The cellar will consist of commercial space and utility rooms. The first floor will consist of commercial space with a residential space in the southeast corner. The remaining floors will consist of residential space. The building, including the cellar, will occupy the entire footprint of the Site. Layout of the proposed site development is presented in **Figure 3**. The proposed development will involve an excavation to 19 feet below grade surface. The proposed elevator pit will be excavated to 24 feet bgs. The proposed development plans for the basement and first floor are provided in Appendix J. The water table is located 18 feet bgs. The current zoning designation is “C4-5X”. 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 a Phase I Environmental Assessment Survey performed by Professional Solutions Group, Inc. during June 2008, a Site history was established. The Phase I ESA indicated that the Site has been vacant since at least 1900. There were no RECs identified in the Phase I, but it was recommended that the site be tested for hazardous materials.

The AOCs identified for this site include: The AOCs identified for this site include:

1. The Site in general due to the association of the property with an “E” designation

Summary of the Work Performed under the Remedial Investigation

Hydro Tech Environmental performed the following scope of work:

1. Conducted a Site inspection including a Ground Penetrating Radar (GPR) survey to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed four soil borings across the entire project Site and collected eight soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed one groundwater monitoring well in the center of the Site and collected one groundwater sample for chemical analysis to evaluate groundwater quality;
4. Installed four soil vapor probes around Site perimeter and collected four samples for chemical analysis.

Summary of Environmental Findings

1. No groundwater survey was performed at the Subject Property, so an elevation was not established.
2. Depth to groundwater was found 17.45 feet below ground surface (bgs) at the Site.
3. The results of the GPR survey did not identify any anomalies at the Site.
4. Groundwater flow is unknown beneath the Site.
5. Bedrock was not encountered at the Site.
6. The stratigraphy of the site, from the surface down, consists of asphalt followed by 18 feet of coarse granular sand and brick and concrete fill material.
7. Soil/fill samples collected during the remedial investigation were compared to 6NYCRR Part 375-6.8 Track 1 Unrestricted Use Soil Cleanup Objectives (SCOs) and Track 2 Restricted Residential Use SCOs. Samples showed no Volatile Organic Compounds

(VOCs), PCBs, or Pesticides at concentrations greater than Unrestricted Use SCOs. Two VOCs, specifically Acetone (maximum 0.034 mg/kg), and Methylene Chloride (maximum 0.0051mg/kg) were detected in several samples at trace concentrations. There were no contaminants related to PCE or its degradation products detected in the samples. Four Polycyclic Aromatic Hydrocarbon-range Semi-Volatile Organic Compounds (SVOCs) were detected at concentrations exceeding Restricted Residential Use SCOs including benzo(a)anthracene (maximum of 4.21 mg/kg), detected in two deep soil samples, and benzo(a)pyrene (2.46 mg/kg), benzo(b)fluoranthene (1.87mg/kg), and Indeno (1,2,3-cd) Pyrene (0.994 mg/kg), detected in one deep soil sample. Benzo(k)fluoranthene (maximum of 2.51mg/kg) and Chrysene (3.37 mg/kg) were also detected at concentrations exceeding Unrestricted Use SCOs but below Restricted Residential Use SCOs. Barium (maximum of 373 mg/kg), Copper (maximum 216 mg/kg), Lead (maximum of 483 mg/kg), Nickel (45.7 mg/kg), Zinc (maximum of 395 mg/kg), and Chromium Trivalent (maximum of 53.2 mg/kg) were detected in several samples at concentrations exceeding Unrestricted Use SCOs. Lead also exceeded Restricted Residential Use SCOs in one deep soil sample. Overall, the soil chemistry is unremarkable and does not indicate any disposal.

8. Groundwater sample results were compared to NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS). The groundwater sample collected during the RI shows no VOCs, PCBs or Pesticides at concentrations exceeding AWQS. Two VOCs, specifically Acetone (3.5 ug/L) and Methylene Chloride (2.7 ug/L) were detected at concentrations below AWQS. Five SVOCs, specifically Benzo(a)anthracene (0.39 ug/L), Benzo(a)pyrene (0.626 ug/L), Benzo(b)fluoranthene (0.544 ug/L), Benzo(k)fluoranthene (0.472 ug/L), and Chrysene (0.41 ug/L) were detected at concentrations exceeding their respective AWQS. Several metals including lead, magnesium, selenium, sodium, and zinc were identified in the groundwater sample, but only selenium and sodium were found exceeding their respective AWQS in the filtered groundwater sample.

9. Soil vapor samples collected during the RI were compared to the compounds listed in Matrices 1 and 2 in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion. The highest reported concentrations were

for acetone at 2100 $\mu g/m^3$. Soil vapor samples showed petroleum-related VOCs were present at low concentrations. Petroleum-related VOCs, (BTEX) were detected at a maximum concentration of 133 $\mu g/m^3$. Chlorinated VOCs including trichloroethylene (TCE), tetrachloroethylene (PCE), carbon tetrachloride and 1,1,1-trichloethane (TCA) were not detected in any of the soil gas samples at concentrations above the values listed in the NYSDOH Matrices. Detection limits for TCE were higher than the NYSDOH Guidance values. There were no contaminants related to PCE or its degradation products detected in the samples.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

SFT Realty, LLC has applied to enroll in the New York City Voluntary Cleanup Program (NYC VCP) to investigate and remediate a 0.11-acre site located at 4729 Park Avenue in the Belmont section of the Bronx, New York. Mixed commercial residential use is proposed for the property. The RI work was performed between June 2, 2014 and June 4, 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 at729 Park Avenue in the Belmont section of the Bronx, New York and is identified as Block 3032 and Lot 37 on the New York City Tax Map. Figure 1 shows the Site location. The Site is 9,375-square feet and is bounded by a three-story police building to the north, a 3-story church to the south, Park Avenue to the east and a 1-story church to the west. A map of the site boundary is shown in Figure 2. Currently, the Site is a vacant parking lot and does not contain any buildings.

1.2 Proposed Redevelopment Plan

The proposed future use of the Site will consist of a new 12-story, mixed use commercial and residential building with a full basement. The cellar will consist of commercial space and utility rooms. The first floor will consist of commercial space with a residential space in the southeast corner. The remaining floors will consist of residential space. The building, including the cellar, will occupy the entire footprint of the Site. Layout of the proposed site development is presented in Figure 3. The proposed development will involve an excavation to 19 feet below grade surface. The proposed elevator pit will be excavated to 24 feet bgs. The proposed development plans for the basement and first floor are provided in Appendix J. The water table is located 18 feet bgs. The current zoning designation is “C4-5X”. The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The area surrounding the Site consists of a mix of residential and commercial properties. An evaluation of the United States Geological Survey (USGS) 7-½ Minute Topographic Map containing the properties indicate there are two (3) sensitive receptors present within a 0.125-mile radius of the Subject Property. These sensitive receptors are the Webster Playground, I.S. 254, and The Bronx Baptist Day Care and Learning Center. Previous **Figure 2** shows the surrounding land usage.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Based upon the review of a Phase I Environmental Assessment Survey performed by Professional Solutions Group, Inc. in June 2008, a Site history was established. The Phase I ESA indicated that the Site has been vacant since at least 1900. There were no RECs identified in the Phase I, but it was recommended that the site be tested for hazardous materials.

The table below provides a list of historical owners of the Site:

YEAR	NAME OF PREVIOUS OWNER
2008-2013	4735 Park Realty Corp

2.2 Previous Investigations

Previous investigations performed at the Site include the following:

- Phase I Environmental Site Assessment, June 2008, Professional Solutions Group, Inc.

2.3 Site Inspection

Ms. Erica Johnston of Hydro Tech performed the site inspection on April 25, 2014. The reconnaissance included a visual inspection of the Site. At the time of the inspection, the Site consisted of a parking lot with a small attendant's booth in the eastern portion. The ground surface consisted of asphalt.

2.4 Areas of Concern

The AOCs identified for this site include: The AOCs identified for this site include:

1. The Site in general due to the association of the property with an "E" designation

Phase I Report is presented in **Appendix A**. A map showing areas of concern is presented in **Figure 4**.

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

Hydro Tech Environmental performed the following scope of work:

1. Conducted a Site inspection including a Ground Penetrating Radar (GPR) survey to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
2. Installed four soil borings across the entire project Site, and collected eight soil samples for chemical analysis from the soil borings to evaluate soil quality;
3. Installed one groundwater monitoring well in the center of the Site and collected one groundwater sample for chemical analysis to evaluate groundwater quality;
4. Installed four soil vapor probes around Site perimeter and collected four samples for chemical analysis.

All fieldwork was documented with photographs. **Appendix B** provides the investigation pictures.

4.1 Geophysical Investigation

A geophysical survey consisting of GPR survey was performed at the Site on June 2, 2014. The purpose of the GPR was to determine if any anomalies were present at the Site and to clear all sampling locations of any potential subsurface obstructions.

The survey was performed in all accessible portions of the Site 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 results of the GPR survey did not identify any anomalies at the Site. The full GPR report is included as **Appendix C.**

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

A total of four (4) on-Site soil borings were installed in the approximate locations shown in **Figure 5** during the remedial investigation. Each boring was installed to 18 feet bgs. The soil borings were installed utilizing Hydro Tech's Geoprobe®. This unit installs soil probes utilizing direct-push technology.

Soil samples were collected in all soil borings at 2-foot intervals utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners. The Macro sampler allows for the collection of both continuous and discrete soil samples. Each sampler was installed with 1½-inch diameter drill rods.

The sample collection initially involved the installation of a Macro Core sampler to the desired sampling depth. A piston stop-pin was then removed from the top of the Macro Core sampler and then installed the length of the sampling interval. The sampler was then removed from the ground with the sample intact in the acetate liner. Continuous soil samples were collected during soil probe installation. A total of eight (8) soil samples were collected for laboratory analysis. Samples were taken from the 0'-2' bgs interval at each boring location and the 16'-18' bgs interval at three borings locations and the 14'-16' bgs interval at the remaining boring location. Separate aliquots of each soil sample were placed into airtight zip-lock bags. The Hydro Tech geologist then characterized each soil sample in the field. The soil characterization consisted of determining the soil classification utilizing the Unified Soil Classification System and screening each sample for organic vapors utilizing a Photoionization Detector (PID).

A PID makes use of the principle of photoionization for the detection and qualitative measurement of organic vapors. A PID does not respond to all compounds similarly, rather, each compound has its own response factor relative to its calibration. For this investigation, the PID was calibrated to the compound isobutylene, as published by the manufacturer. The PID has a minimum detection limit of 0.1 parts per million (ppm). This meter measures the hydrocarbon concentrations in isolated portions of the secured samples.

Headspace analyses were conducted on each soil sample by partially filling a zip-lock bag and sealing it, thereby creating a void. This void is referred to as the sample headspace. To

facilitate the detection of any hydrocarbons contained within the headspace, the container was agitated for a period of 30 seconds. The probe of the PID was placed within the headspace to measure the organic vapors present.

Boring logs were prepared by a geologist are attached in **Appendix D**. A map showing the location of soil borings and monitor wells is shown in previous **Figure 5**.

Groundwater Monitoring Well Construction

One (1) groundwater monitoring well was installed to determine water quality beneath the Site. The monitoring well was installed utilizing Hydro Tech's Geoprobe® equipment. The monitoring wells were constructed of 1-inch diameter PVC. The total depth of the monitoring well is 21 feet below grade. The screened interval of the well consists of 10 feet 0.020-inch slot screen and is situated approximately 7 feet above the groundwater level and 3 feet below. The monitoring well construction details are included in **Appendix E.**

The monitoring well location is shown in previous **Figure 5.**

Survey

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

Water Level Measurement

Groundwater head measurements were collected utilizing a Solinst 122 Oil/Water Interface Probe (Interface Probe). The Interface Probe can measure depths to water to 0.01 inch. The depth to water was measured in the well from the northern portion of the casing top. The monitoring well was installed in the central region of the Site. During the survey, the groundwater was encountered at 17.45 feet bgs.

Water 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 13feet bgs. A map showing the locations of the soil vapor borings is shown in Figure 5. The probes were constructed with inert tubing. Vapor implants were sealed to the surface with non-VOC containing product.

The soil vapor probes were installed utilizing similar technology as the soil probes in accordance with the NYSDOH Guidance of 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. The soil vapor implant was installed in the subsurface soil. 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.

After installation of the probes, one to three volumes were purged prior to collecting the samples. Four (4) soil vapor samples were collected for chemical analysis during this RI.

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

Eight (8) soil samples were collected for chemical analysis during this RI. One (1) shallow soil sample was collected from each soil probe and one (1) deeper soil sample was collected from the soil probes utilizing a 4-foot long Macro Core sampler fitted with dedicated acetate liners.

The soil was screened and characterized at two-foot intervals. Soil samples were containerized and analyzed at a New York State Department of Health ELAP-certified laboratory. All soil samples were analyzed for volatile organic compounds (VOCs) via EPA Method 8260, semi-volatile compounds (SVOCs) via EPA Method 8270, pesticides/PCBs via EPA Method 8081/8082, TAL metals and chromium trivalent, chromium hexavalent.

All samples were properly handled and placed into the appropriately labeled containers. 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 **Tables1-4**. **Figure 5** shows the location of samples collected in this investigation. Laboratories and analytical methods are shown below.

Groundwater Sampling

One (1) groundwater sample was collected for chemical analysis during this RI. Groundwater sample collection data is reported in **Tables 5-8**. A sampling log with information on purging and sampling of the groundwater monitor well is included in **Appendix F**. **Figure 5** shows the location of groundwater sampling. Laboratories and analytical methods are shown below.

Each groundwater sample was placed into 2 pre-cleaned 40 milliliter (mL) vials, 2 pre-cleaned 500 mL plastic containers and 2 pre-cleaned 1,000 mL jars and appropriately labeled. The groundwater sample from the monitoring well was analyzed for volatile organic compounds (VOCs) via EPA Method 8260, semi-volatile organic compounds (SVOCs) via EPA Method 8270, Pesticides/PCBs via EPA Method 8081/8082, TAL Metals (filtered and non-filtered), Chromium Trivalent and Chromium Hexavalent.

Soil Vapor Sampling

Four (4) soil vapor probes were installed and four (4) soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in **Figure 5.** Soil vapor sample collection data is reported in **Table 9**. 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 soil vapor probe was collected utilizing 6-liter pre-cleaned, passivated, evacuated whole air Summa® Canister. A 12-inch by 12-inch piece of plastic sheeting was sealed with non-VOC elasomeric caulk around the edges over the sampling probe

in order to keep the tracer gas in contact with the probe and the ambient air from entering the probe during testing.

The Summa Canisters were calibrated for 4 hours and the soil vapor sampling was run on each canister for a time period 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 and analyzed for VOCs via EPA TO-15.

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 York Analytical Laboratories, Inc.
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 1-9,** respectively. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in **Appendices G, H, and I.**

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

The stratigraphy of the site, from the surface down, consists of asphalt followed by 18 feet of coarse granular sand and brick and concrete fill material.

Hydrogeology

The depth to water in the monitoring well was 17.45 feet bgs. A survey was not conducted during this fieldwork, and a flow direction was not established.

5.2 Soil Chemistry

Soil/fill samples collected during the RI shows no PCBs or Pesticides at concentrations greater than 6 NYCRR Part 375-6.8 Track 1 Unrestricted Soil Cleanup Objectives (SCOs). Two Pesticides, specifically 4,4'-DDT (0.002 mg/kg), and Chlordane (0.0369 mg/kg) were detected greater than their method detection limit (MDL), but below its SCOs. One PCB, specifically Aroclor 1260 (0.027 mg/kg) was detected at concentrations exceeding its respective MDL but below its respective SCOs. No VOCs were detected at concentrations greater than 6 NYCRR Part 375-6.8 Track 1 Unrestricted Soil Cleanup Objectives (SCOs).

Two VOCs, specifically Acetone (maximum 0.034 mg/kg), and Methylene Chloride (maximum 0.0051mg/kg) were detected in 5 samples at concentrations exceeding their respective MDL but below their respective SCOs. There were no contaminants related to PCE or its degradation products detected in the samples.

Five (5) Polycyclic Aromatic Hydrocarbon-range Semi-Volatile Organic Compounds (SVOCs) including benzo(a)anthracene (4.21 mg/kg), benzo(a)pyrene (2.46 mg/kg), benzo(b)fluoranthene (1.87mg/kg), Chrysene (3.37 mg/kg), and Indeno (1,2,3-cd) Pyrene (0.994 mg/kg) were detected in two soil samples at concentrations exceeding Track 2 Restricted Residential SCOs. Benzo(k)fluoranthene was detected in one sample at a concentration exceeding Track 1 Unrestricted SCOs but below Track 2 Restricted Residential SCOs. Three SVOCs, specifically; Fluoranthene (8.0mg/kg), Phenanthrene (2.59mg/kg), and Pyrene (1.77mg/kg) were also detected in two soil samples at concentrations greater than their respective MDLs but below their SCOs.

Lead (483 mg/kg) was identified in two soil samples at concentrations exceeding Track 2 Restricted Residential SCOs. Barium (maximum of 373 mg/kg), Copper (maximum 216 mg/kg), Nickel (45.7 mg/kg), Zinc (395 mg/kg), and Chromium Trivalent (53.2 mg/kg) were detected in five samples at concentrations exceeding Track 1 Unrestricted Use SCOs.

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in **Tables 1-4**. **Figure 5** shows the location and posts the values for soil/fill that exceed the 6NYCRR Part 375-6.8 Track 2 Soil Cleanup Objectives.

5.3 Groundwater Chemistry

The groundwater sample collected during the RI shows no VOCs, PCBs or Pesticides at concentrations exceeding Groundwater Quality Standards (GQSs). Two VOCs, specifically Acetone (3.5ug/L) and Methylene Chloride (2.7ug/L) were detected at concentrations exceeding MDL but less than GQSs. There were no contaminants related to PCE or its degradation products detected in the samples. Five SVOCs, specifically Benzo(a)anthracene(0.39ug/L), Benzo(a)pyrene (0.626 ug/L), Benzo(b)fluoranthene (0.544ug/L), Benzo(k)fluoranthene (0.472ug/L), and Chrysene (0.41ug/L) were detected at concentrations exceeding their respective GSQs. Six (6) other SVOCs, specifically Benzo(g,h,i)perylene (0.482ug/L), Dibenzo (a,h)anthracene (0.174ug/L), Fluoranthene (0.626 ug/L), Naphthalene (0.00513ug/L), Phenanthrene (0.421ug/L) and Pyrene (0.728 ug/L) were detected at concentrations exceeding their respective MDLs but below their respective GSQs. Several metals including Lead, Magnesium, Selenium, Sodium, and Zinc were detected at concentrations greater than their respective GQS.

A summary table of data for chemical analyses performed on groundwater samples is included in **Tables 5-8**. Exceedances of applicable groundwater standards are shown. **Figures 8 and 9** shows 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

The 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. A total of

eleven (11) VOCs, specifically; 1,2,4-Trimethylbenzene (maximum 45 ug/m³), 1,3,5-Trimethylbenzene (maximum 8.5 ug/m³), 2-Butanone (180ug/ m³), Acetone (maximum 2,100 ug/m³), Ethylbenzene (maximum 9.8 ug/m³), Methylene Chloride (56ug/ m³), n-Heptane (30 ug/m³), n-Hexane (50 ug/m³), o-Xylene (28 ug/m³), p- & m- Xylenes (58 ug/m³) and Tetrahydrofuran (19 ug/m³) were detected at concentrations exceeding the NYSDOH soil vapor intrusion guidelines. There were no contaminants related to PCE or its degradation products detected in the samples.

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 9**. **Figure 12 s**hows the location and posts the values for soil vapor samples with detected concentrations.

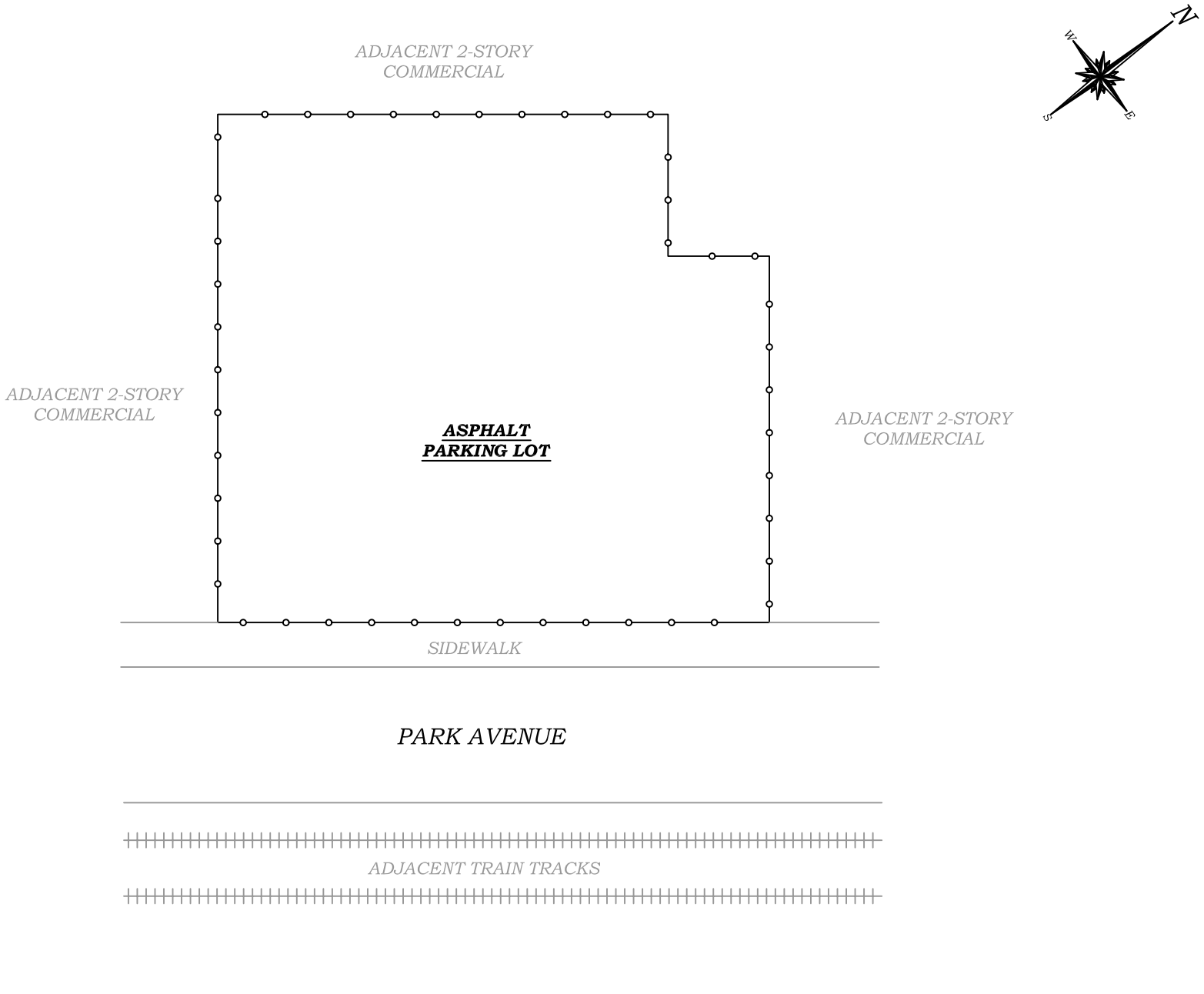
5.5 Prior Activity

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

5.6 Impediments to Remedial Action

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

FIGURES



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Reviewed By: M.R
Approved By: M.S
Date: 06/18/14
Scale: AS NOTED

TITLE:

FIGURE 1: SITE BOUNDARY MAP

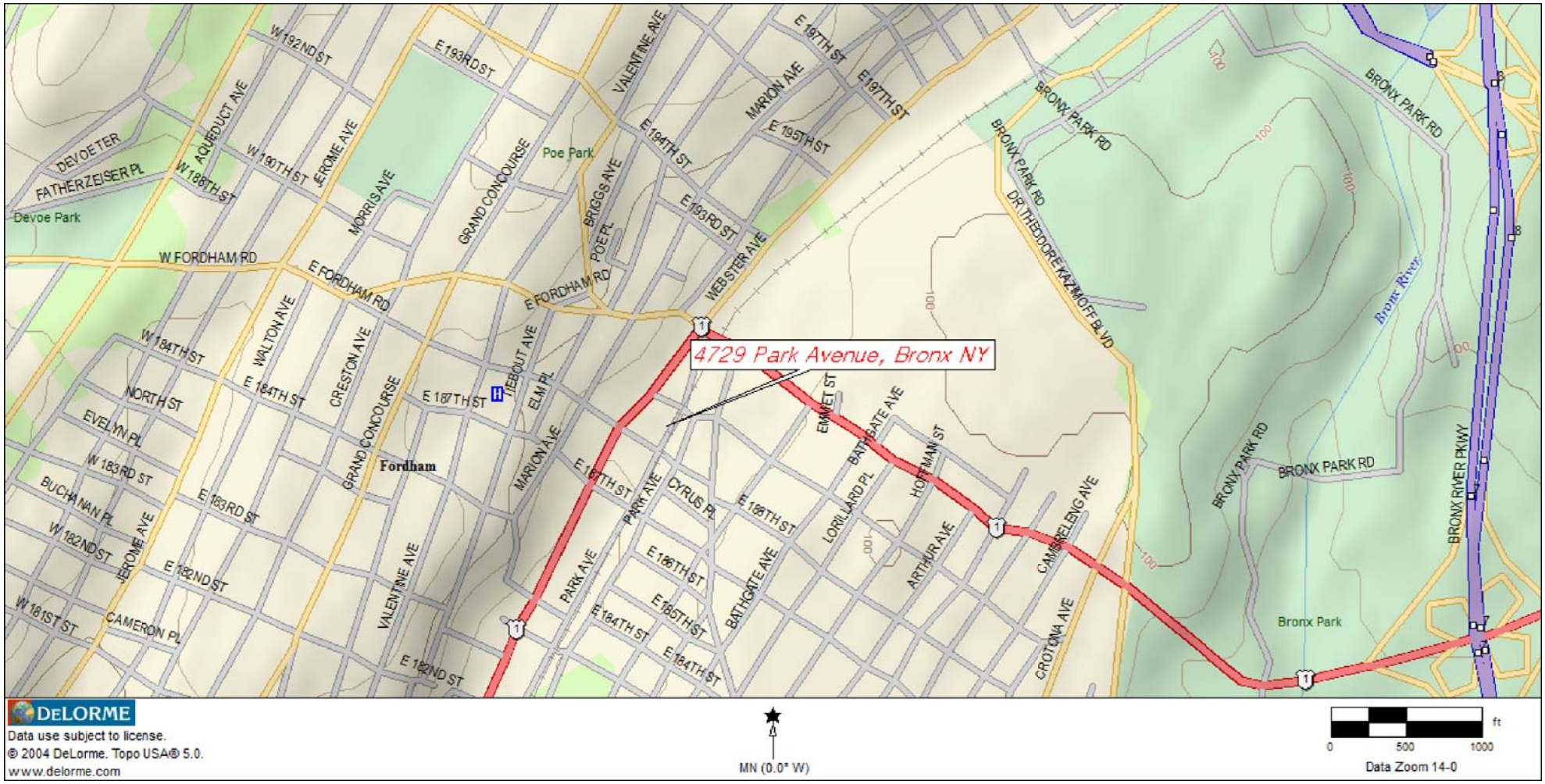

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FIGURE 2: TOPOGRAPHIC MAP

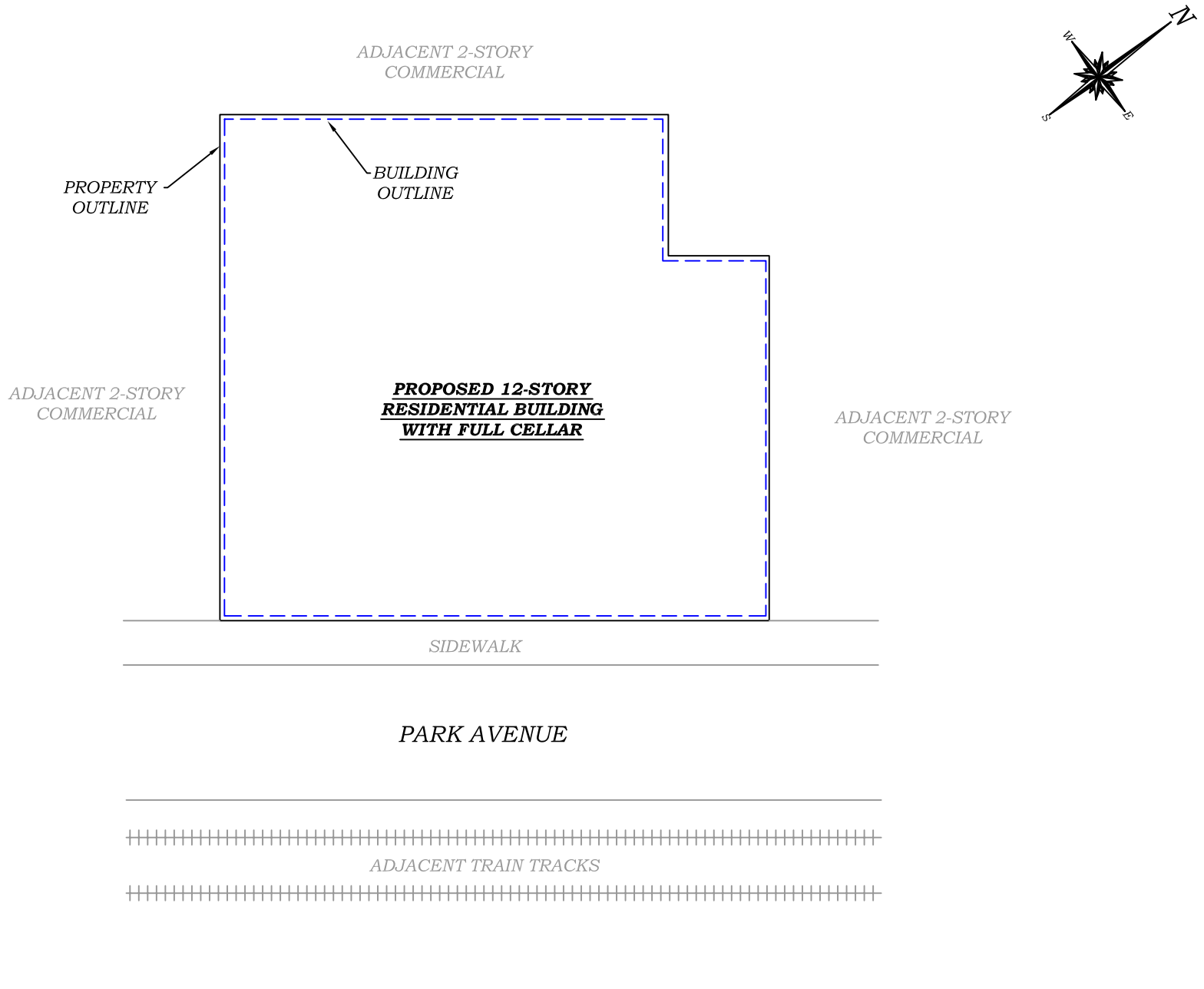

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FIGURE 3: PROPOSED REDEVELOPMENT PLAN

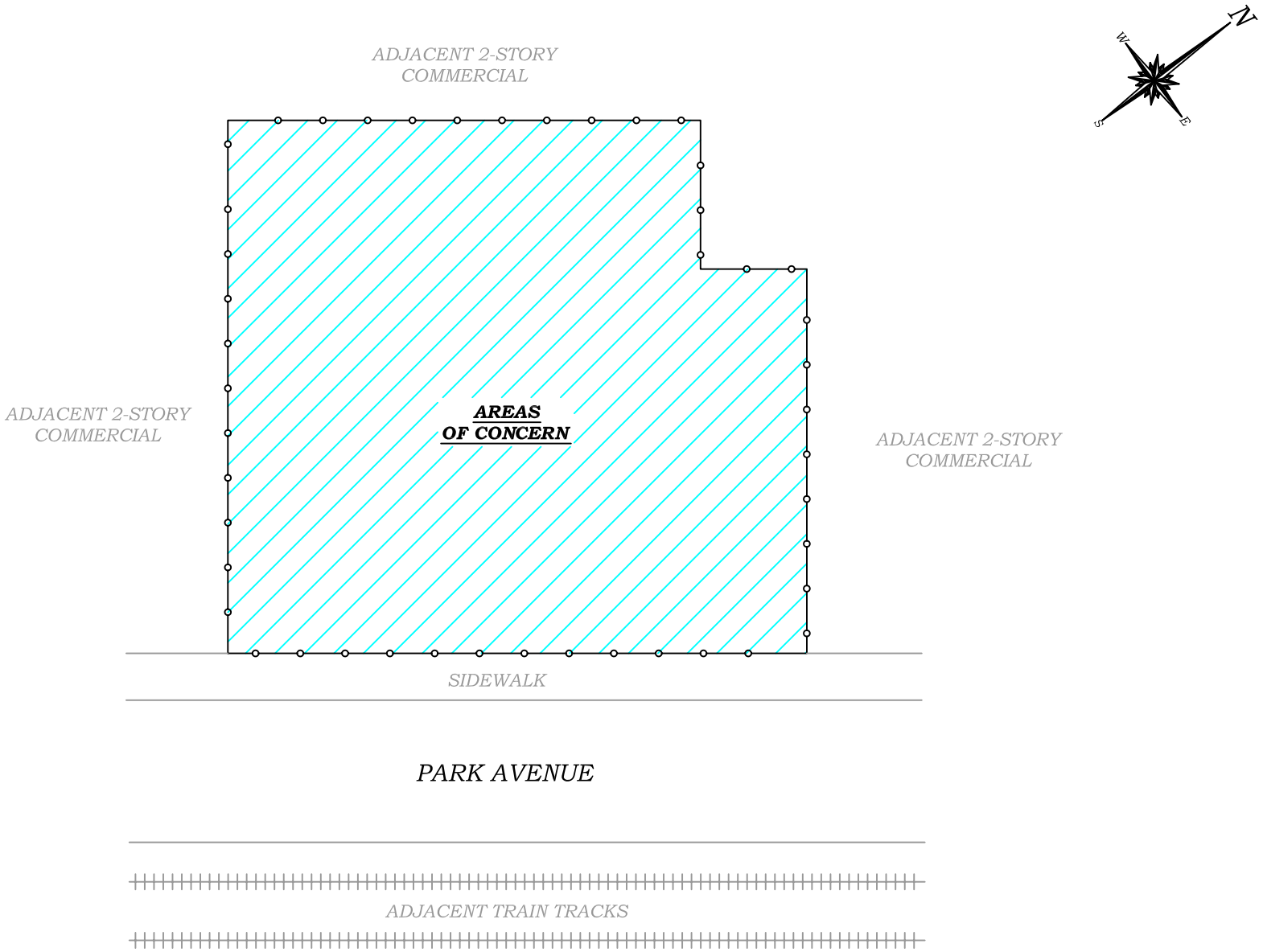

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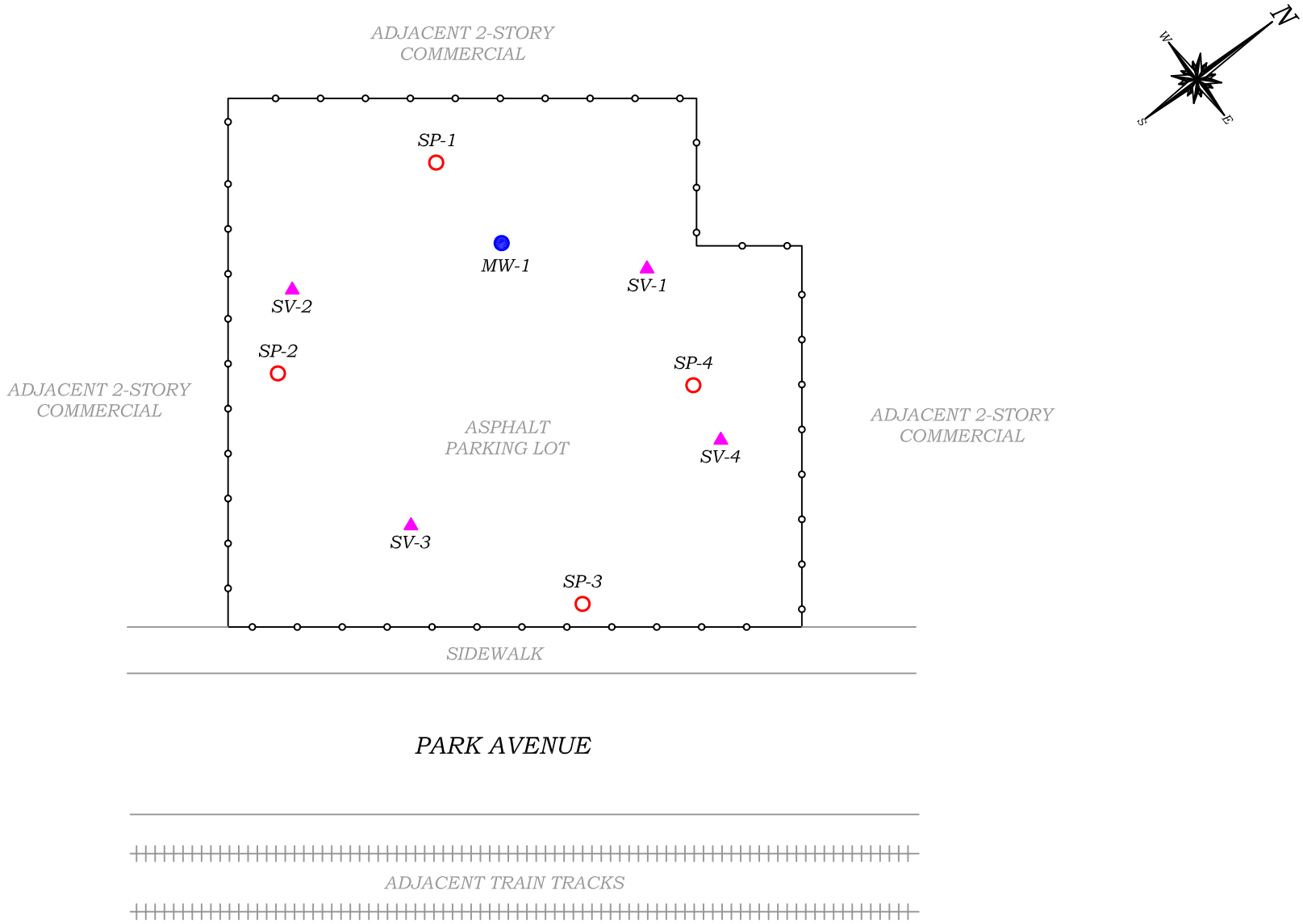
FIGURE 4: AREA OF CONCERN DIAGRAM



LEGEND:

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

0' 20' 40'

SCALE IN FEET (FT.)

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TITLE:

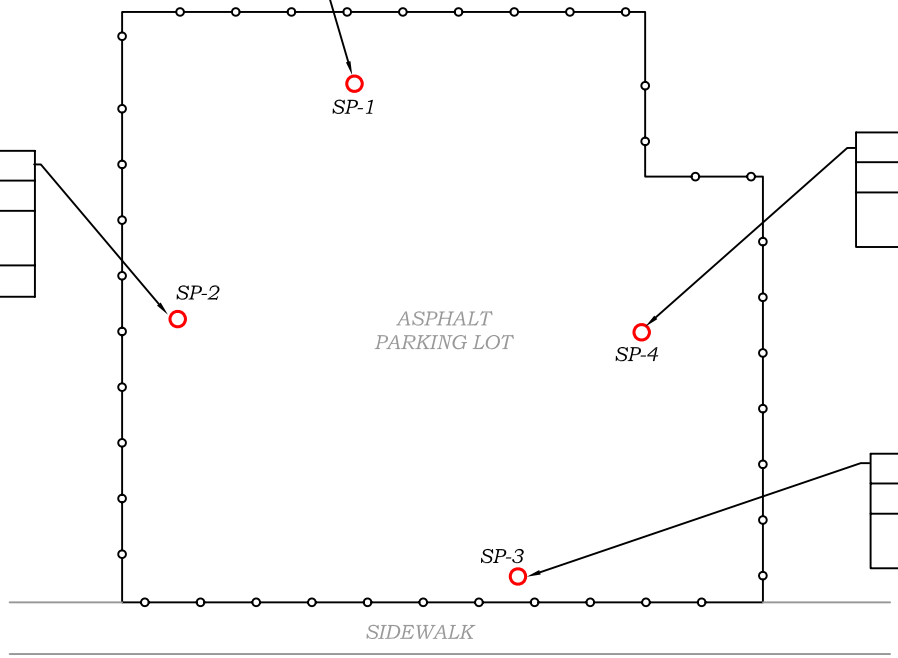
FIGURE 5: SAMPLING PLAN

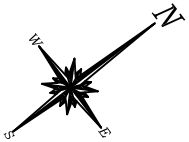
SP-1				
Depth	2' - 4'	14' - 16'		
SVOCs	mg/Kg	mg/Kg	RSCO	USCO
Benzo(a)anthracene	NAS	4.21	1	1
Benzo(a)pyrene	NAS	2.46	1	1
Benzo(b)fluoranthene	NAS	1.87	1	1
Benzo(k)fluoranthene	NAS	2.51	3.9	0.8
Chrysene	NAS	3.37	3.9	1
Indeno(1,2,3-cd)pyrene	NAS	0.994	0.5	0.5

SP-2				
Depth	0' - 2'	16' - 18'		
SVOCs	mg/Kg	mg/Kg	RSCO	USCO
Benzo(a)anthracene	NAS	1.13	1	1

SP-4		
Depth	0' - 2'	16' - 18'
SVOCs	ND	NAS

SP-3		
Depth	0' - 2'	16' - 18'
SVOCs	NAS	ND





LEGEND:

○	SOIL PROBE LOCATIONS (SP)
SVOC	SEMI VOLATILE ORGANIC COMPOUNDS
mg/Kg	MICROGRAMS PER KILOGRAM
NAS	NONE ABOVE STANDARDS
ND	NONE DETECTED
USCO	UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
RSCO	RESTRICTED USE SOIL CLEANUP OBJECTIVES
	SHADED VALUES EXCEED SCO

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

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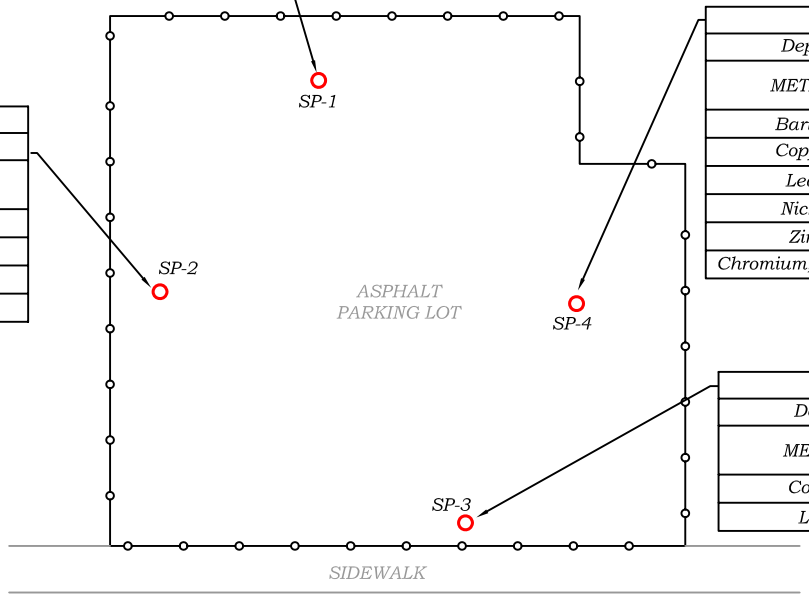
TITLE:

FIGURE 6: DIAGRAM OF SVOCs IN SOIL

SP-1				
Depth	2' - 4'	14' - 16'		
METALS	mg/Kg	mg/Kg	RSCO	USCO
Lead	215	195	400	63
Zinc	NAS	190	10,000	109

SP-2				
Depth	0' - 2'	16' - 18'		
METALS	mg/Kg	mg/Kg	RSCO	USCO
Barium	359	NAS	400	350
Lead	256	483	400	63
Zinc	269	309	10,000	109
Chromium, Trivalent	32	NAS	180	30



SP-4				
Depth	0' - 2'	16' - 18'		
METALS	mg/Kg	mg/Kg	RSCO	USCO
Barium	NAS	373	400	350
Copper	67.9	NAS	270	50
Lead	170	182	400	63
Nickel	45.7	NAS	310	30
Zinc	304	395	10,000	109
Chromium, Trivalent	53.2	NAS	180	30

SP-3				
Depth	0' - 2'	16' - 18'		
METALS	mg/Kg	mg/Kg	RSCO	USCO
Copper	216	NAS	270	50
Lead	83	NAS	400	63

LEGEND:

- SOIL PROBE LOCATIONS (SP)
- mg/Kg — MICROGRAMS PER KILOGRAM
- NAS — NONE ABOVE STANDARDS
- ND — NONE DETECTED
- USCO — UNRESTRICTED USE SOIL CLEANUP OBJECTIVES
- RSCO — RESTRICTED USE SOIL CLEANUP OBJECTIVES
- SHADED VALUES EXCEED USCO
- SHADED VALUES EXCEED RSCO

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

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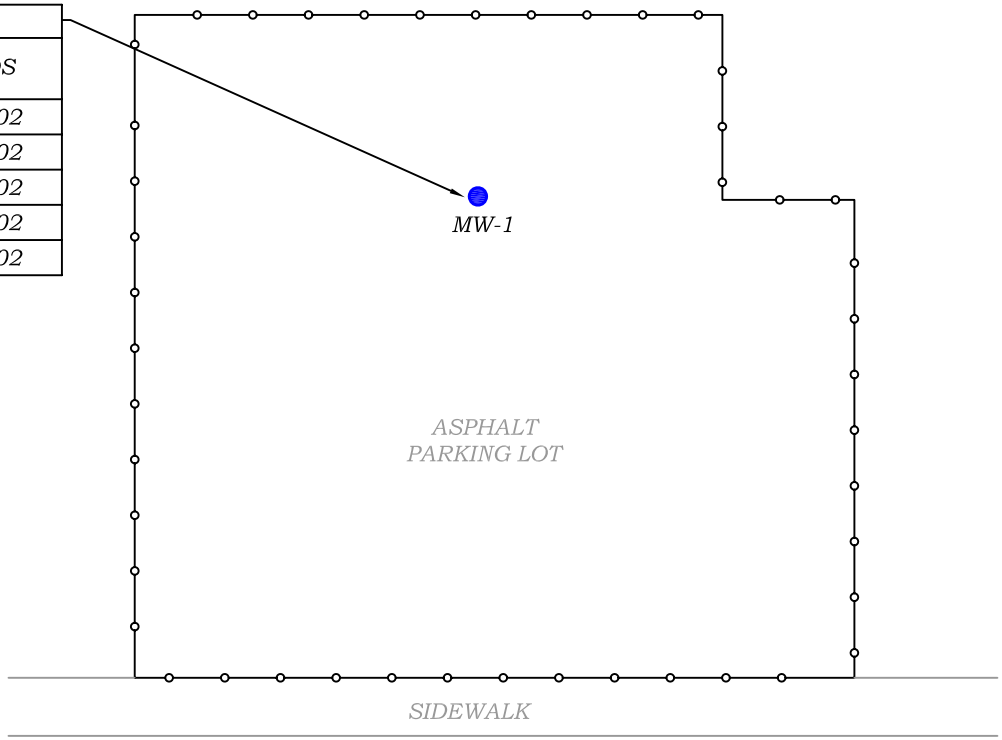
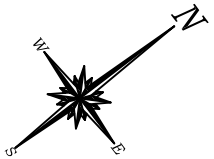
TITLE:

FIGURE 7: DIAGRAM OF METALS IN SOIL

MW-1		
SVOCs	µg/L	GQS
Benzo(a)anthracene	0.39	0.002
Benzo(a)pyrene	0.626	0.002
Benzo(b)fluoranthene	0.544	0.002
Benzo(k)fluoranthene	0.472	0.002
Chrysene	0.41	0.002





LEGEND:

●	MONITORING WELL LOCATION (MW)
SVOC	SEMI VOLATILE ORGANIC COMPOUND
µg/L	MICROGRAMS PER LITER
GQS	GROUNDWATER QUALITY STANDARDS
	SHADED VALUES EXCEED GQS

0' 20' 40'

SCALE IN FEET (FT.)

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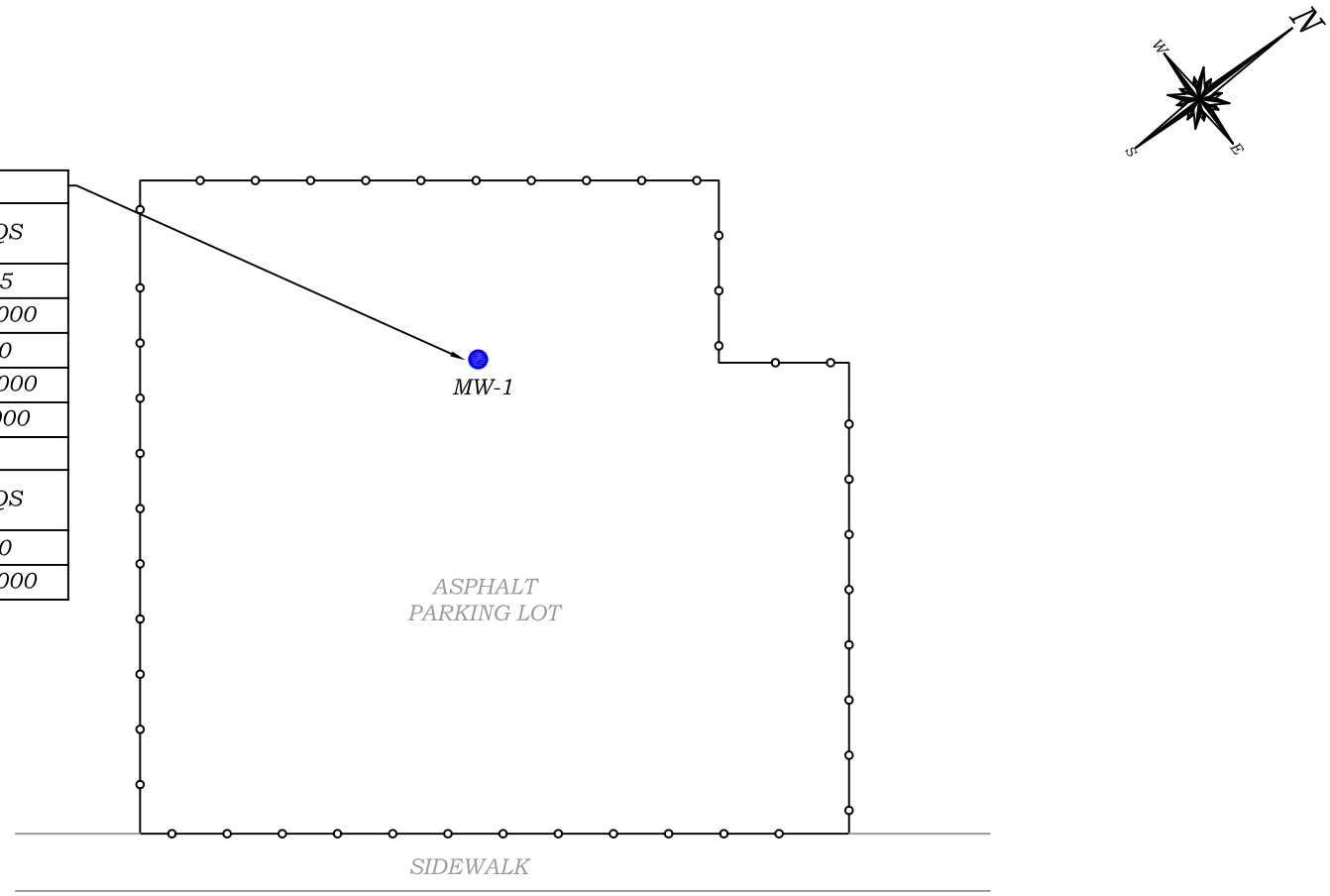
Scale: AS NOTED

TITLE:

FIGURE 8: DIAGRAM OF SVOCs IN GROUNDWATER

MW-1		
METALS	µg/L	GQS
Lead	192	25
Magnesium	4,430	35,000
Selenium	21	10
Sodium	72,300	20,000
Zinc	2,430	2,000
MW-1		
Dissolved METALS	µg/L	GQS
Selenium	18	10
Sodium	74,600	20,000



LEGEND:

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

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

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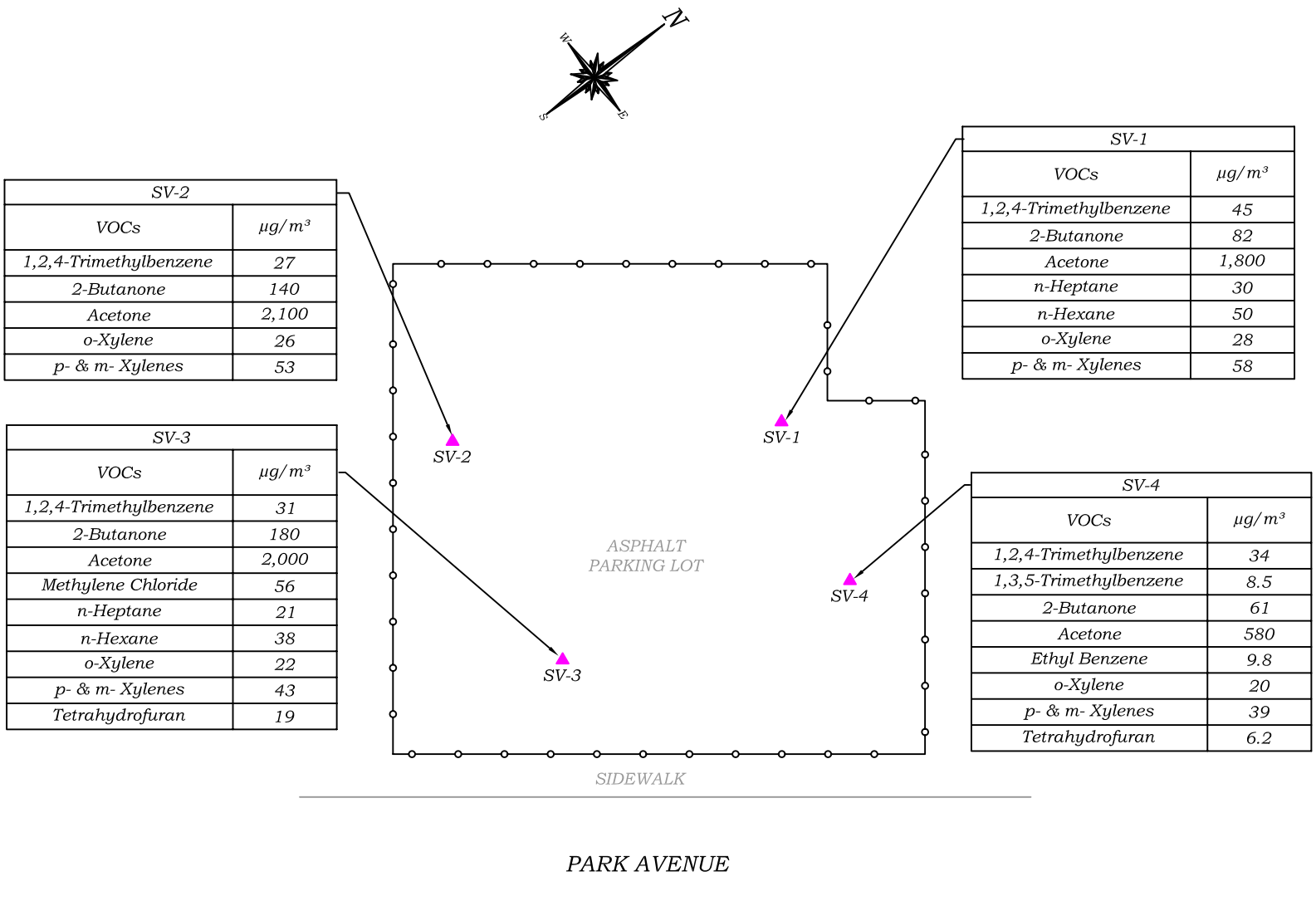
TITLE:

FIGURE 9: DIAGRAM OF METALS IN GROUNDWATER



SV-2	
VOCs	µg/m³
1,2,4-Trimethylbenzene	27
2-Butanone	140
Acetone	2,100
o-Xylene	26
p- & m- Xylenes	53

SV-3	
VOCs	µg/m³
1,2,4-Trimethylbenzene	31
2-Butanone	180
Acetone	2,000
Methylene Chloride	56
n-Heptane	21
n-Hexane	38
o-Xylene	22
p- & m- Xylenes	43
Tetrahydrofuran	19

SV-1	
VOCs	µg/m³
1,2,4-Trimethylbenzene	45
2-Butanone	82
Acetone	1,800
n-Heptane	30
n-Hexane	50
o-Xylene	28
p- & m- Xylenes	58

SV-4	
VOCs	µg/m³
1,2,4-Trimethylbenzene	34
1,3,5-Trimethylbenzene	8.5
2-Butanone	61
Acetone	580
Ethyl Benzene	9.8
o-Xylene	20
p- & m- Xylenes	39
Tetrahydrofuran	6.2

LEGEND:

▲ SOIL VAPOR PROBES LOCATIONS (SV)

VOCs VOLATILE ORGANIC COMPOUND

µg/m³ MICROGRAMS PER CUBIC METER

0' 20' 40'

SCALE IN FEET (FT.)

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FIGURE 10: DIAGRAM OF VOCs IN SOIL VAPOR

TABLES

Table 1
Soil Samples Analytical Results for VOCs
4729 Park Ave, Bronx, NY

Sample ID	SP-1 (2-4)	SP-1 (14-16)	SP-2 (0-2)	SP-2 (16-18)	SP-3 (0-2)	SP-3 (16-18)	SP-4 (0-2)	SP-4 (16-18)	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Sampling Date	41792	41792	41792	41792	41792	41792	41792	41792		
Client Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Compound	Result	Result	Result	Result	Result	Result	Result	Result		
Units	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	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
1,1,1-Trichloroethane	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	100	0.68
1,1,2,2-Tetrachloroethane	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
1,1,2-Trichloro-1,2,2-trifluoroethane (Fre	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
1,1,2-Trichloroethane	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
1,1-Dichloroethane	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	26	0.27
1,1-Dichloroethylene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	100	0.33
1,1-Dichloropropylene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
1,2,3-Trichlorobenzene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
1,2,3-Trichloropropane	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
1,2,4-Trichlorobenzene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
1,2,4-Trimethylbenzene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	52	3.6
1,2-Dibromo-3-chloropropane	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
1,2-Dibromoethane	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
1,2-Dichlorobenzene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	100	1.1
1,2-Dichloroethane	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	3.1	0.02
1,2-Dichloropropane	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
1,3,5-Trimethylbenzene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	52	8.4
1,3-Dichlorobenzene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	49	2.4
1,3-Dichloropropane	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
1,4-Dichlorobenzene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	13	1.8
1,4-Dioxane	<0.042	<0.036	<0.032	<0.051	<0.041	<0.024	<0.04	<0.058	13	0.1
2,2-Dichloropropane	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
2-Butanone	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	0.002	<0.0029	100	0.12
2-Chlorotoluene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
4-Chlorotoluene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
Acetone	<0.0021	**0.021**	<0.0016	**0.017**	**0.032**	**0.0087**	<0.002	**0.034**	100	0.05
Benzene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	4.8	0.06
Bromobenzene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
Bromochloromethane	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
Bromodichloromethane	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
Bromoform	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
Bromomethane	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
Carbon tetrachloride	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	2.4	0.76
Chlorobenzene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	100	1.1
Chloroethane	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
Chloroform	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	49	0.37
Chloromethane	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
cis-1,2-Dichloroethylene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	100	0.25
cis-1,3-Dichloropropylene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
Dibromochloromethane	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
Dibromomethane	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
Dichlorodifluoromethane	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
Ethyl Benzene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	41	1
Hexachlorobutadiene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
Isopropylbenzene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
Methyl tert-butyl ether (MTBE)	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	100	0.93
Methylene chloride	<0.0021	<0.0018	**0.0017**	**0.0028**	<0.0021	<0.0012	**0.0025**	**0.0051**	100	0.05
Naphthalene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	100	12
n-Butylbenzene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	100	12
n-Propylbenzene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	100	3.9
o-Xylene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
p- & m- Xylenes	<0.0042	<0.0036	<0.0032	<0.0051	<0.0041	<0.0024	<0.004	<0.0029	NS	NS
p-Isopropyltoluene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
sec-Butylbenzene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	100	11
Styrene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
tert-Butylbenzene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	100	5.9
Tetrachloroethylene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	19	1.3
Toluene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	100	0.7
trans-1,2-Dichloroethylene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	100	0.19
trans-1,3-Dichloropropylene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
Trichloroethylene	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	21	0.47
Trichlorofluoromethane	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
Vinyl acetate	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	NS	NS
Vinyl Chloride	<0.0021	<0.0018	<0.0016	<0.0026	<0.0021	<0.0012	<0.002	<0.0029	0.9	0.02
Xylenes, Total	<0.0063	<0.0054	<0.0048	<0.0077	<0.0062	<0.0036	<0.006	<0.0087	100	0.26
Tentatively Identified Compounds	<0	<0	<0	<0	<0	<0	<0	<0	NS	NS

Table 2
Soil Samples Analytical Results for VOCs
4729 Park Ave, Bronx, NY

Sample ID	SP-1 (2-4)	SP-1 (14-16)	SP-2 (0-2)	SP-2 (16-18)	SP-3 (0-2)	SP-3 (16-18)	SP-4 (0-2)	SP-4 (16-18)	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Sampling Date	6/2/2014	6/2/2014	6/2/2014	6/2/2014	6/2/2014	6/2/2014	6/2/2014	6/2/2014		
Client Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Compound	Result	Result	Result	Result	Result	Result	Result	Result		
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/Kg	mg/Kg
1,2,4-Trichlorobenzene	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
1,2-Dichlorobenzene	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	100	1.1
1,3-Dichlorobenzene	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	49	2.4
1,4-Dichlorobenzene	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	13	1.8
2,4,5-Trichlorophenol	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
2,4,6-Trichlorophenol	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
2,4-Dichlorophenol	<0.945	<0.928	<0.453	<0.841	<0.444	<0.439	<1.77	<0.466	NS	NS
2,4-Dimethylphenol	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
2,4-Dinitrophenol	<1.88	<1.85	<0.901	<1.67	<0.883	<0.872	<3.52	<0.926	NS	NS
2,4-Dinitrotoluene	<0.945	<0.928	<0.453	<0.841	<0.444	<0.439	<1.77	<0.466	NS	NS
2,6-Dinitrotoluene	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
2-Chloronaphthalene	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
2-Chlorophenol	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
2-Methylnaphthalene	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
2-Methylphenol	<0.945	<0.928	<0.453	<0.841	<0.444	<0.439	<1.77	<0.466	100	0.33
2-Nitroaniline	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
2-Nitrophenol	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
3- & 4-Methylphenols	<0.945	<0.928	<0.453	<0.841	<0.444	<0.439	<1.77	<0.466	NS	NS
3,3'-Dichlorobenzidine	<1.88	<1.85	<0.901	<1.67	<0.883	<0.872	<3.52	<0.926	NS	NS
3-Nitroaniline	<0.945	<0.928	<0.453	<0.841	<0.444	<0.439	<1.77	<0.466	NS	NS
4,6-Dinitro-2-methylphenol	<0.945	<0.928	<0.453	<0.841	<0.444	<0.439	<1.77	<0.466	NS	NS
4-Bromophenyl phenyl ether	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
4-Chloro-3-methylphenol	<0.945	<0.928	<0.453	<0.841	<0.444	<0.439	<1.77	<0.466	NS	NS
4-Chloroaniline	<0.945	<0.928	<0.453	<0.841	<0.444	<0.439	<1.77	<0.466	NS	NS
4-Chlorophenyl phenyl ether	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
4-Nitroaniline	<0.945	<0.928	<0.453	<0.841	<0.444	<0.439	<1.77	<0.466	NS	NS
4-Nitrophenol	<0.945	<0.928	<0.453	<0.841	<0.444	<0.439	<1.77	<0.466	NS	NS
Acenaphthene	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	100	20
Acenaphthylene	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	100	100
Aniline	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
Anthracene	<0.473	**0.711**	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	100	100
Benzo(a)anthracene	**0.806**	**4.21**	**0.264**	**1.13**	<0.222	<0.219	<0.885	<0.233	1	1
Benzo(a)pyrene	**0.525**	**2.46**	<0.226	**0.581**	<0.222	<0.219	<0.885	<0.233	1	1
Benzo(b)fluoranthene	<0.473	**1.87**	<0.226	**0.517**	<0.222	<0.219	<0.885	<0.233	1	1
Benzo(g,h,i)perylene	<0.945	<0.928	<0.453	<0.841	<0.444	<0.439	<1.77	<0.466	100	100
Benzo(k)fluoranthene	<0.473	**2.51**	<0.226	**0.584**	<0.222	<0.219	<0.885	<0.233	3.9	0.8
Benzyl alcohol	<0.945	<0.928	<0.453	<0.841	<0.444	<0.439	<1.77	<0.466	NS	NS
Benzyl butyl phthalate	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
Bis(2-chloroethoxy)methane	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
Bis(2-chloroethyl)ether	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
Bis(2-chloroisopropyl)ether	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
Bis(2-ethylhexyl)phthalate	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
Chrysene	**0.761**	**3.37**	**0.23**	**0.964**	<0.222	<0.219	<0.885	<0.233	3.9	1
Dibenzo(a,h)anthracene	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	0.33	0.33
Dibenzofuran	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	59	7
Diethyl phthalate	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
Dimethyl phthalate	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
Di-n-butyl phthalate	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
Di-n-octyl phthalate	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
Fluoranthene	**0.574**	**8**	**0.457**	**1.73**	<0.222	<0.219	<0.885	**0.432**	100	100
Fluorene	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	100	30
Hexachlorobenzene	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	1.2	0.33
Hexachlorobutadiene	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
Hexachlorocyclopentadiene	<0.945	<0.928	<0.453	<0.841	<0.444	<0.439	<1.77	<0.466	NS	NS
Hexachloroethane	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
Indeno(1,2,3-cd)pyrene	<0.473	**0.994**	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	0.5	0.5
Isophorone	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
Naphthalene	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	100	12
Nitrobenzene	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
N-Nitrosodimethylamine	<0.945	<0.928	<0.453	<0.841	<0.444	<0.439	<1.77	<0.466	NS	NS
N-nitroso-di-n-propylamine	<0.473	<0.464	<0.226	<0.841	<0.222	<0.219	<0.885	<0.233	NS	NS
N-Nitrosodiphenylamine	<0.473	<0.464	<0.226	<0.42	<0.222	<0.219	<0.885	<0.233	NS	NS
Pentachlorophenol	<0.945	<0.928	<0.453	<0.841	<0.444	<0.439	<1.77	<0.466	6.7	0.8
Phenanthrene	<0.473	**2.59**	**0.266**	**0.491**	<0.222	<0.219	<0.885	**0.34**	100	100
Phenol	<0.473	<0.464	<0.226	<0.841	<0.222	<0.219	<0.885	<0.233	100	0.33
Pyrene	**1.05**	<0.464	**0.455**	**1.77**	**0.24**	<0.219	<0.885	**0.453**	100	100
Pyridine	<0.473	<0.464	<0.226	<0.841	<0.222	<0.219	<0.885	<0.233	NS	NS
Tentatively Identified Compounds	<0	<0	<0	<0	<0	<0	<0	<0	NS	NS

Table 3
Soil Samples Analytical Results for Pesticides and PCBs
4729 Park Ave, Bronx, NY

Sample ID	SP-1 (2-4)	SP-1 (14-16)	SP-2 (0-2)	SP-2 (16-18)	SP-3 (0-2)	SP-3 (16-18)	SP-4 (0-2)	SP-4 (16-18)	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Sampling Date	6/2/2014	6/2/2014	6/2/2014	6/2/2014	6/2/2014	6/2/2014	6/2/2014	6/2/2014		
Client Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Compound	Result	Result	Result	Result	Result	Result	Result	Result		
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/Kg	mg/Kg
4,4'-DDD	<0.00186	<0.00182	<0.00178	<0.00165	<0.00174	<0.00172	<0.00174	<0.00183	13	0.0033
4,4'-DDE	<0.00186	<0.00182	<0.00178	<0.00165	<0.00174	<0.00172	<0.00174	<0.00183	8.9	0.0033
4,4'-DDT	<0.00186	<0.00182	<0.00178	<0.00165	<0.00174	<0.00172	**0.00222**	<0.00183	7.9	0.0033
Aldrin	<0.00186	<0.00182	<0.00178	<0.00165	<0.00174	<0.00172	<0.00174	<0.00183	0.097	0.005
alpha-BHC	<0.00186	<0.00182	<0.00178	<0.00165	<0.00174	<0.00172	<0.00174	<0.00183	0.48	0.02
Aroclor 1016	<0.0191	<0.0188	<0.0183	<0.017	<0.018	<0.0178	<0.0179	<0.0188	NS	NS
Aroclor 1221	<0.0191	<0.0188	<0.0183	<0.017	<0.018	<0.0178	<0.0179	<0.0188	NS	NS
Aroclor 1232	<0.0191	<0.0188	<0.0183	<0.017	<0.018	<0.0178	<0.0179	<0.0188	NS	NS
Aroclor 1242	<0.0191	<0.0188	<0.0183	<0.017	<0.018	<0.0178	<0.0179	<0.0188	NS	NS
Aroclor 1248	<0.0191	<0.0188	<0.0183	<0.017	<0.018	<0.0178	<0.0179	<0.0188	NS	NS
Aroclor 1254	<0.0191	<0.0188	<0.0183	<0.017	<0.018	<0.0178	<0.0179	<0.0188	NS	NS
Aroclor 1260	<0.0191	<0.0188	<0.0183	<0.017	<0.018	<0.0178	**0.0272**	<0.0188	NS	NS
beta-BHC	<0.00186	<0.00182	<0.00178	<0.00165	<0.00174	<0.00172	<0.00174	<0.00183	0.36	0.036
Chlordane, total	<0.00743	<0.00729	<0.00712	**0.0275**	<0.00698	<0.0069	**0.0369**	<0.00732	NS	NS
delta-BHC	<0.00186	<0.00182	<0.00178	<0.00165	<0.00174	<0.00172	<0.00174	<0.00183	100	0.04
Dieldrin	<0.00186	<0.00182	<0.00178	<0.00165	<0.00174	<0.00172	<0.00174	<0.00183	0.2	0.005
Endosulfan I	<0.00186	<0.00182	<0.00178	<0.00165	<0.00174	<0.00172	<0.00174	<0.00183	24	2.4
Endosulfan II	<0.00186	<0.00182	<0.00178	<0.00165	<0.00174	<0.00172	<0.00174	<0.00183	24	2.4
Endosulfan sulfate	<0.00186	<0.00182	<0.00178	<0.00165	<0.00174	<0.00172	<0.00174	<0.00183	24	2.4
Endrin	<0.00186	<0.00182	<0.00178	<0.00165	<0.00174	<0.00172	<0.00174	<0.00183	11	0.014
Endrin aldehyde	<0.00186	<0.00182	<0.00178	<0.00165	<0.00174	<0.00172	<0.00174	<0.00183	NS	NS
Endrin ketone	<0.00186	<0.00182	<0.00178	<0.00165	<0.00174	<0.00172	<0.00174	<0.00183	NS	NS
gamma-BHC (Lindane)	<0.00186	<0.00182	<0.00178	<0.00165	<0.00174	<0.00172	<0.00174	<0.00183	1.3	0.1
Heptachlor	<0.00186	<0.00182	<0.00178	<0.00165	<0.00174	<0.00172	<0.00174	<0.00183	2.1	0.042
Heptachlor epoxide	<0.00186	<0.00182	<0.00178	<0.00165	<0.00174	<0.00172	<0.00174	<0.00183	NS	NS
Methoxychlor	<0.00928	<0.00912	<0.0089	<0.00826	<0.00872	<0.00862	<0.00869	<0.00915	NS	NS
Total PCBs	<0.0191	<0.0188	<0.0183	<0.017	<0.018	<0.0178	**0.0272**	<0.0188	1	0.1
Toxaphene	<0.094	<0.0923	<0.0901	<0.0836	<0.0883	<0.0872	<0.088	<0.0926	NS	NS

Table 4
Soil Samples Analytical Results for Metals
4729 Park Ave, Bronx, NY

Sample ID	SP-1 (2-4)	SP-1 (14-16)	SP-2 (0-2)	SP-2 (16-18)	SP-3 (0-2)	SP-3 (16-18)	SP-4 (0-2)	SP-4 (16-18)	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
Sampling Date	6/2/2014	6/2/2014	6/2/2014	6/2/2014	6/2/2014	6/2/2014	6/2/2014	6/2/2014		
Client Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil		
Compound	Result	Result	Result	Result	Result	Result	Result	Result		
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/Kg	mg/Kg
Aluminum	**10900**	**9300**	**12400**	**9140**	**8010**	**13900**	**17000**	**8850**	NS	NS
Antimony	<0.563	**1.35**	<0.539	<0.501	<0.529	**0.611**	<0.527	<0.554	NS	NS
Arsenic	**3.88**	**6.6**	**5.42**	**4.34**	**4.26**	**4.98**	**4.99**	**6.19**	16	13
Barium	**93.2**	**132**	**359**	**320**	**114**	**66.5**	**216**	**373**	400	350
Beryllium	<0.113	<0.11	<0.108	<0.1	<0.106	<0.104	<0.105	<0.111	72	7.2
Cadmium	<0.338	<0.331	<0.324	<0.3	<0.317	<0.313	**0.527**	<0.333	4.3	2.5
Calcium	**11300**	**12800**	**29200**	**39300**	**22800**	**50700**	**13800**	**58800**	NS	NS
Chromium	**19.7**	**25.9**	**34.5**	**17.5**	**15.7**	**20.1**	**56.1**	**12.7**	NS	NS
Cobalt	**7.42**	**8.2**	**8.44**	**5.4**	**6.34**	**4.19**	**18.2**	**3.5**	NS	NS
Copper	**48.9**	**48.2**	**28.2**	**31.4**	**216**	**9.08**	**67.9**	**27.5**	270	50
Iron	**15900**	**16800**	**19300**	**12800**	**14100**	**10500**	**30200**	**9710**	NS	NS
Lead	**215**	**195**	**256**	**483**	**83**	**12.2**	**170**	**182**	400	63
Magnesium	**4490**	**6200**	**13800**	**4320**	**3870**	**3560**	<9740	**3220**	NS	NS
Manganese	**311**	**244**	**308**	**206**	**174**	**238**	<360	**177**	2000	1600
Nickel	**15.8**	**18.7**	**26.2**	**15.1**	**15.5**	**10.8**	**45.7**	**8.65**	310	30
Potassium	**1510**	**1650**	**1600**	**1630**	**2010**	**974**	**9250**	**1140**	NS	NS
Selenium	**1.61**	**1.85**	**1.2**	**1.3**	**1.36**	<1.04	**1.57**	<1.11	180	3.9
Silver	<0.563	<0.552	<0.539	<0.501	<0.529	<0.522	<0.527	<0.554	180	2
Sodium	**212**	**191**	**189**	**495**	**352**	**1680**	**196**	**905**	NS	NS
Thallium	<1.13	<1.1	<1.08	<1	<1.06	<1.04	<1.05	<1.11	NS	NS
Vanadium	**25.9**	**27.8**	**37.9**	**25.9**	**26.1**	**17.5**	**77**	**29.2**	NS	NS
Zinc	**68.8**	**190**	**269**	**309**	**109**	**14.9**	**304**	**395**	10000	109
Mercury	<0.0371	<0.0365	<0.0356	<0.033	<0.0349	<0.0345	<0.0348	**0.0899**	0.81	0.18
Chromium, Hexavalent	<0.563	<0.552	<0.539	<0.501	<0.529	<0.522	<0.527	<0.554	110	1
Chromium, Trivalent	**17.5**	**23.4**	**32**	**17.5**	**14.8**	19.2	**53.2**	**11.5**	180	30

Table 5
Groundwater Samples Analytical Results for VOCs
4729 Park Ave, Bronx, NY

Sample ID	MW-1	NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	41793	
Client Matrix	Water	
Compound	Result	
Units	ug/L	ug/L
1,1,1,2-Tetrachloroethane	<2.5	5
1,1,1-Trichloroethane	<2.5	5
1,1,2,2-Tetrachloroethane	<2.5	5
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<2.5	5
1,1,2-Trichloroethane	<2.5	1
1,1-Dichloroethane	<2.5	5
1,1-Dichloroethylene	<2.5	5
1,1-Dichloropropylene	<2.5	5
1,2,3-Trichlorobenzene	<2.5	5
1,2,3-Trichloropropane	<2.5	0.04
1,2,4-Trichlorobenzene	<2.5	5
1,2,4-Trimethylbenzene	<2.5	5
1,2-Dibromo-3-chloropropane	<2.5	0.04
1,2-Dibromoethane	<2.5	5
1,2-Dichlorobenzene	<2.5	3
1,2-Dichloroethane	<2.5	0.6
1,2-Dichloropropane	<2.5	1
1,3,5-Trimethylbenzene	<2.5	5
1,3-Dichlorobenzene	<2.5	3
1,3-Dichloropropane	<2.5	5
1,4-Dichlorobenzene	<2.5	3
2,2-Dichloropropane	<2.5	5
2-Butanone	<2.5	50
2-Chlorotoluene	<2.5	5
4-Chlorotoluene	<2.5	5
Acetone	**3.5**	50
Benzene	<2.5	1
Bromobenzene	<2.5	5
Bromochloromethane	<2.5	5
Bromodichloromethane	<2.5	50
Bromoform	<2.5	50
Bromomethane	<2.5	5
Carbon tetrachloride	<2.5	5
Chlorobenzene	<2.5	5
Chloroethane	<2.5	5
Chloroform	<2.5	7
Chloromethane	<2.5	5
cis-1,2-Dichloroethylene	<2.5	5
cis-1,3-Dichloropropylene	<2.5	0.4
Dibromochloromethane	<2.5	50
Dibromomethane	<2.5	NS
Dichlorodifluoromethane	<2.5	5
Ethyl Benzene	<2.5	5
Hexachlorobutadiene	<2.5	0.5
Isopropylbenzene	<2.5	5
Methyl tert-butyl ether (MTBE)	<2.5	10
Methylene chloride	**2.7**	5
Naphthalene	<2.5	10
n-Butylbenzene	<2.5	5
n-Propylbenzene	<2.5	5
o-Xylene	<2.5	5
p- & m- Xylenes	<5	5
p-Isopropyltoluene	<2.5	5
sec-Butylbenzene	<2.5	5
Styrene	<2.5	5
tert-Butylbenzene	<2.5	5
Tetrachloroethylene	<2.5	5
Toluene	<2.5	5
trans-1,2-Dichloroethylene	<2.5	5
trans-1,3-Dichloropropylene	<2.5	0.4
Trichloroethylene	<2.5	5
Trichlorofluoromethane	<2.5	5
Vinyl acetate	<2.5	NS
Vinyl Chloride	<2.5	2
Xylenes, Total	<7.5	5

Table 6
Groundwater Samples Analytical Results for SVOCs
4729 Park Ave, Bronx, NY

Sample ID	MW-1	NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	41793	
Client Matrix	Water	
Compound	Result	
Units	ug/L	ug/L
1,2,4-Trichlorobenzene	<2.56	5
1,2-Dichlorobenzene	<2.56	3
1,3-Dichlorobenzene	<2.56	3
1,4-Dichlorobenzene	<2.56	3
2,4,5-Trichlorophenol	<2.56	1
2,4,6-Trichlorophenol	<2.56	1
2,4-Dichlorophenol	<2.56	5
2,4-Dimethylphenol	<2.56	50
2,4-Dinitrophenol	<2.56	10
2,4-Dinitrotoluene	<2.56	5
2,6-Dinitrotoluene	<2.56	5
2-Chloronaphthalene	<2.56	10
2-Chlorophenol	<2.56	1
2-Methylnaphthalene	<2.56	NS
2-Methylphenol	<2.56	1
2-Nitroaniline	<2.56	5
2-Nitrophenol	<2.56	1
3- & 4-Methylphenols	<2.56	NS
3,3'-Dichlorobenzidine	<2.56	5
3-Nitroaniline	<2.56	5
4,6-Dinitro-2-methylphenol	<2.56	NS
4-Bromophenyl phenyl ether	<2.56	NS
4-Chloro-3-methylphenol	<2.56	1
4-Chloroaniline	<2.56	5
4-Chlorophenyl phenyl ether	<2.56	NS
4-Nitroaniline	<2.56	5
4-Nitrophenol	<2.56	1
Acenaphthene	<0.0513	20
Acenaphthylene	<0.0513	NS
Aniline	<2.56	5
Anthracene	<0.0513	50
Benzo(a)anthracene	**0.39**	0.002
Benzo(a)pyrene	**0.626**	0.002
Benzo(b)fluoranthene	**0.544**	0.002
Benzo(g,h,i)perylene	**0.482**	NS
Benzo(k)fluoranthene	**0.472**	0.002
Benzyl alcohol	<2.56	NS
Benzyl butyl phthalate	<2.56	50
Bis(2-chloroethoxy)methane	<2.56	5
Bis(2-chloroethyl)ether	<2.56	1
Bis(2-chloroisopropyl)ether	<2.56	5
Bis(2-ethylhexyl)phthalate	<0.0513	5
Chrysene	**0.41**	0.002

Dibenzo(a,h)anthracene	**0.174**	NS
Dibenzofuran	<2.56	NS
Diethyl phthalate	<2.56	50
Dimethyl phthalate	<2.56	50
Di-n-butyl phthalate	<2.56	50
Di-n-octyl phthalate	<2.56	50
Fluoranthene	**0.626**	50
Fluorene	<0.0513	50
Hexachlorobenzene	<0.0205	0.04
Hexachlorobutadiene	<0.513	0.5
Hexachlorocyclopentadiene	<2.56	5
Hexachloroethane	<0.513	5
Indeno(1,2,3-cd)pyrene	<0.0513	0.002
Isophorone	<2.56	50
Naphthalene	**0.0513**	10
Nitrobenzene	<0.256	0.4
N-Nitrosodimethylamine	<0.513	NS
N-nitroso-di-n-propylamine	<2.56	NS
N-Nitrosodiphenylamine	<2.56	50
Pentachlorophenol	<0.256	1
Phenanthrene	**0.421**	50
Phenol	<2.56	1
Pyrene	**0.728**	50
Pyridine	<2.56	50

Table 7

Groundwater Samples Analytical Results for Pesticides and PCB

4729 Park Ave, Bronx, NY

Sample ID	MW-1	NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	41793	
Client Matrix	Water	
Compound	Result	
Units	ug/L	ug/L
4,4'-DDD	<0.0041	0.3
4,4'-DDE	<0.0041	0.2
4,4'-DDT	<0.0041	0.2
Aldrin	<0.0041	NS
alpha-BHC	<0.0041	0.01
Aroclor 1016	<0.0513	NS
Aroclor 1221	<0.0513	NS
Aroclor 1232	<0.0513	NS
Aroclor 1242	<0.0513	NS
Aroclor 1248	<0.0513	NS
Aroclor 1254	<0.0513	NS
Aroclor 1260	<0.0513	NS
beta-BHC	<0.0041	0.04
Chlordane, total	<0.041	0.05
delta-BHC	<0.0041	0.04
Dieldrin	<0.00205	0.004
Endosulfan I	<0.0041	NS
Endosulfan II	<0.0041	NS
Endosulfan sulfate	<0.0041	NS
Endrin	<0.0041	NS
Endrin aldehyde	<0.0103	5
Endrin ketone	<0.0103	5
gamma-BHC (Lindane)	<0.0041	0.05
Heptachlor	<0.0041	0.04
Heptachlor epoxide	<0.0041	0.03
Methoxychlor	<0.0041	35
Total PCBs	<0.0513	0.09
Toxaphene	<0.103	0.06

Table 8
Groundwater Samples Analytical Results for Metals
4729 Park Ave, Bronx, NY

Sample ID	MW-1	NYSDEC TOGS Standards and Guidance Values - GA
Sampling Date	41793	
Client Matrix	Water	
Compound	Result	
Units	ug/L	ug/L
Metals, Target Analyte		
Aluminum	**3530**	NS
Antimony	<5	3
Arsenic	**7**	25
Barium	**440**	1000
Beryllium	<1	3
Cadmium	**8**	5
Calcium	**90800**	NS
Chromium	**21**	50
Cobalt	<5	NS
Copper	**20**	200
Iron	**5260**	NS
Lead	**192**	25
Magnesium	**4430**	35000
Manganese	**145**	300
Mercury	<0.2	0.7
Nickel	**13**	100
Potassium	**36000**	NS
Selenium	**21**	10
Silver	<5	50
Sodium	**72300**	20000
Thallium	<5	NS
Vanadium	**23**	NS
Zinc	**2430**	2000
Metals, Target Analyte, Dissolved		
Aluminum	<10	NS
Antimony	<5	3
Arsenic	<4	25
Barium	**24**	1000
Beryllium	<1	3
Cadmium	<3	5
Calcium	**55800**	NS
Chromium	**7**	50
Chromium, Hexavalent	<10	50
Chromium, Trivalent	**21**	NS
Cobalt	<5	NS
Copper	<3	200
Iron	<20	NS
Lead	<3	25
Magnesium	**2880**	35000
Manganese	<5	300
Mercury	<0.2	0.7

Nickel	<5	100
Potassium	**36500**	NS
Selenium	**18**	10
Silver	<5	50
Sodium	**74600**	20000
Thallium	<5	NS
Vanadium	**11**	NS
Zinc	<10	2000

Table 9
Soil Vapor Analytical Results
4729 Park Ave, Bronx, NY

Sample ID	SV-1	SV-2	SV-3	SV-4	NYSDOH Background Standards - Indoor Air - Upper Fence
Sampling Date	41794	41794	41794	41794	
Client Matrix	Soil Vapor	Soil Vapor	Soil Vapor	Soil Vapor	
Compound	Result	Result	Result	Result	
Units	ug/m3	ug/m3	ug/m3	ug/m3	ug/m3
1,1,1-Trichloroethane	<25	<28	<22	<9.5	2.5
1,1,2,2-Tetrachloroethane	<31	<35	<27	<12	0.4
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<35	<39	<30	<13	2.5
1,1,2-Trichloroethane	<25	<28	<22	<9.5	0.4
1,1-Dichloroethane	<19	<20	<16	<7	0.4
1,1-Dichloroethylene	<18	<20	<16	<6.9	0.4
1,2,4-Trichlorobenzene	<34	<37	<29	<13	0.5
1,2,4-Trimethylbenzene	**45**	**27**	**31**	**34**	9.8
1,2-Dibromoethane	<35	<39	<30	<13	0.4
1,2-Dichlorobenzene	<28	<30	<24	<10	0.5
1,2-Dichloroethane	<19	<20	<16	<7	0.4
1,2-Dichloropropane	<21	<23	<18	<8	0.4
1,2-Dichlorotetrafluoroethane	<32	<35	<28	<12	0.4
1,3,5-Trimethylbenzene	<23	<25	<19	**8.5**	3.9
1,3-Butadiene	<20	<22	<17	<7.5	NS
1,3-Dichlorobenzene	<28	<30	<24	<10	0.5
1,4-Dichlorobenzene	<28	<30	<24	<10	1.2
1,4-Dioxane	<17	<18	<14	<6.3	NS
2-Butanone	**82**	**140**	**180**	**61**	16
2-Hexanone	<38	**41**	**44**	**26**	NS
4-Methyl-2-pentanone	<19	<21	16	<7.1	1.9
Acetone	**1800**	**2100**	**2000**	**580**	115
Benzene	<15	<16	<13	<5.6	13
Benzyl chloride	<24	<26	<20	<9	NS
Bromodichloromethane	<28	<31	<25	<11	NS
Bromoform	<47	<52	<41	<18	NS
Bromomethane	<18	<20	<15	<6.7	0.5
Carbon disulfide	**16**	<16	<12	<5.4	NS
Carbon tetrachloride	<7.2	<7.9	<6.2	<2.7	1.3
Chlorobenzene	<21	<23	<18	<8	0.4
Chloroethane	<12	<13	<10	<4.6	0.4
Chloroform	<22	<25	<19	<8.5	1.2
Chloromethane	<9.5	<10	<8.2	<3.6	4.2
cis-1,2-Dichloroethylene	<18	<20	<16	<6.9	0.4
cis-1,3-Dichloropropylene	<21	<23	<18	<7.9	0.4
Cyclohexane	<16	<17	<14	<6	6.3
Dibromochloromethane	<37	<40	<32	<14	NS
Dichlorodifluoromethane	<23	<25	<20	<8.6	10
Ethyl acetate	<33	<36	<28	<13	NS
Ethyl Benzene	<20	<22	<17	**9.8**	6.4
Hexachlorobutadiene	<49	<54	<42	<19	0.5
Isopropanol	<23	<25	<19	<8.5	NS
Methyl Methacrylate	<19	<21	<16	<7.1	0.4
Methyl tert-butyl ether (MTBE)	<16	<18	<14	<6.3	14
Methylene chloride	<32	<35	**56**	<12	16
n-Heptane	**30**	<21	**21**	<7.1	18
n-Hexane	**50**	<18	**38**	<6.1	14
o-Xylene	**28**	**26**	**22**	**20**	7.1
p- & m- Xylenes	**58**	**53**	**43**	**39**	11
p-Ethyltoluene	**29**	**25**	**21**	**21**	NS
Propylene	<7.9	<8.7	<6.8	<3	NS
Styrene	<20	<21	<17	<7.4	1.4
Tetrachloroethylene	<31	<34	<27	<12	2.5
Tetrahydrofuran	<14	<15	**19**	**6.2**	0.8
Toluene	**47**	**47**	**40**	**29**	57
trans-1,2-Dichloroethylene	<18	<20	<16	<6.9	NS
trans-1,3-Dichloropropylene	<21	<23	<18	<7.9	NS
Trichloroethylene	<6.2	<6.8	<5.3	<2.3	0.5
Trichlorofluoromethane (Freon 11)	<26	<28	<22	<9.8	12
Vinyl acetate	<16	<18	<14	<6.1	NS
Vinyl Chloride	<12	<13	<10	<4.4	0.4

APPENDICES

Appendix A: Previous Investigation (Phase I ESA by Singer Environmental Group)

Need the "E" # &

~~Noise Criteria~~

PHASE I

ENVIRONMENTAL SITE ASSESSMENT

4729 PARK AVENUE
BRONX, NEW YORK 10458
(BLOCK 3032, LOT 37)

E-255

Prepared for:

4735 PARK REALTY CORP.
BRONX, NEW YORK 10458

Prepared by:

PROFESSIONAL SOLUTIONS GROUP INC.
ASTORIA, NEW YORK 11103

&

CES ENVIRONMENTAL SERVICES
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JUNE 2008

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APPENDICES:

A: COPIES OF SITE PHOTOGRAPHS
B: COPIES OF SAN BORN FIRE INSURANCE MAP
C: COPIES OF AERIAL PHOTOGRAPHS
D: COPIES OF EDR RADIUS MAP REPORT

FIGURES:

1: A COPY OF USGS 7.5 MINUTE QUADRANGLE MAP
2: A COPY OF SITE DIAGRAM

1.0 INTRODUCTION

CES Environmental Services and Professional Solutions Group, Inc. have conducted and completed a Phase I Environmental Site Assessment (ESA) of the property located at 4729 Park Avenue, Bronx, New York. The ESA was conducted in accordance with the scope of the ASTM Standard Practice for Phase I (E1527-00), and other generally accepted industrial practices. The objective of the ESA is to inspect and identify recognized environmental conditions associated with the above referenced properties. The recognized environmental condition is the presence or likely presence of any hazardous substances or petroleum products on properties under conditions that indicate a release, a past release or a material threat of a release into structures on the properties or into soil/groundwater or nearby surface water or other potentially sensitive receptors. Site visit and walk through of the property were conducted on May 23, 2008. The owner of the property was available and to provide necessary information regarding the property.

A review of EDR Environmental Lien Search for the properties indicated that there are no environmental liens against the target property..

Site photographs depicting the current condition of the property are enclosed as Appendix A. The property locate at 4729 Park Avenue is an empty lot that is used for parking by others.

Utility lines are underground with the exception of electric lines that are above ground. All utility lines are routed along Park Avenue and 188 street / 189 street and are approximately five to ten feet away from the sidewalk.

Based on the findings provided in this report, a walk through and inspection of the subject property and neighboring properties revealed no potential areas of environmental concern (AOC).

2.0 SCOPE OF WORK

The following scope of work was used in completing this preliminary Environmental Site Assessment.

- ★ Research and review of available information pertaining to the past owners of the property to determine the potential for contamination resulting from prior on-site activities.
- ★ Inspections of the properties to identify any evidence of environmental contamination that will adversely impact the properties.
- ★ Interview the owners familiar with current and past activities for information regarding on-site activities and potential areas of environmental concern.
- ★ Review of Federal and State regulatory agency databases for the site and adjoining properties (Appendix C).
- ★ Review of Aerial photos and Sanborn Map Report (Appendix B).
- ★ Review of EDR-City Directory Abstract

- ★ Conducted a site visit to identify areas of environmental concern such as underground / aboveground storage tanks, lead based paints, asbestos containing materials, etc. To identify all obvious signs of contamination and to observe the properties immediately adjacent to the subject properties to determine if they may pose any environmental risks.
- ★ Preparation of a preliminary Environmental Site Assessment report in accordance with ASTM E 1527-00 (Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process).
- ★ Identification of the location of any electrical transformers and related equipment on or near the properties and report on any equipment suspected of containing or haven contained poly-chlorinated biphenyls (PCBs).
- ★ Identification of readily visible suspect asbestos containing materials (ACMs) and their condition. Sampling of suspected materials such as paint chips, floor tiles and insulation materials was conducted.
- ★ Identification of the site's proximity to any sensitive receptors such as wetlands, surface water, and domestic water wells etc.
- ★ An evaluation of the presence of radon gas in the area.

3.0 LIMITATIONS AND EXCEPTIONS OF THE ASSESSMENT

The findings, observations, conclusions and recommendations of this report are limited by methods utilized to gather and perform the services outlined in the scope of work. These services have been performed in accordance with the ASTM standards.

In preparing this report, CES and Professional Solutions Group have relied on the information derived from secondary sources, computer databases, and personal interviews. CES and Professional Solutions Group have made no independent investigation of the sources, accuracy, completeness of the available information, and have assumed that such information is accurate and complete.

The findings, conclusions and recommendations contained in this report are based on the facts obtained through research and interviews. Any change in the information or facts upon which this report was based may adversely affect the findings, conclusions and recommendations expressed in this report.

4.0 GENERAL PROPERTY INFORMATION

4.1 PROPERTY LOCATION

The subject property is located at 4729 Park Avenue between 188 and 189 streets, Bronx, New York. The property is described as empty lot used mainly for parking by the Bronx church of God and Dosshi diagnostic imaging services. The Bronx church and Doshi diagnostic imaging services are located at the intersection of 188 street and 189 street and Park Avenue, respectively. The Block and Lot Numbers for the property is 3032 and 37, respectively. Figure 1

is a copy of USGS 7.5 minute quadrangle (topographic) map showing the site location and other topographic features of the area. Figure 2 is a site diagram showing the location of the property, and other relevant site features. The property is located in a relatively flat area, with a gentle gradient to the west. The area is predominantly a commercial, with some areas comprising of mixed commercial and residential.

Survey of the area around the subject property revealed no sensitive receptors such as potable wells and wetlands within a mile radius of the properties.

5.0 PHYSICAL SETTINGS

5.1 TOPOGRAPHY AND REGIONAL DRAINAGE

A review of the topographic map of the area showed the area to be relatively flat with a gentle slope to the west. Regional drainage appears to coincide with the direction of local drainage in the area. A copy of a USGS topographic map is enclosed as Figure I and other topographic maps are enclosed in Appendix C.

5.2 SITE GEOLOGY

The site is underlain by unconsolidated deposits of loamy, sandy soil, which in turn is overlain by surficial silty sand. Very gravelly, loamy sand overlies the weathered bedrock. The depth to bedrock and thickness of the overburden were not established as part of this assessment. The bedrock is presumably of Precambrian rocks of metamorphic and igneous origin.

5.3 SITE HYDROGEOLOGY

A review of available data from EDR (Environmental Data Resources) indicated that the groundwater at the site is present under unconfined conditions. The depth to water table in the area is not available for review. The groundwater flow direction as determined from the topographic map of the area is essentially to the western direction. The general topographic gradient in the area is to the west of the site (See Appendix C).

Based on the review of well data provided by EDR, there are no public or domestic water wells found within the vicinity of the properties.

6.0 SITE INSPECTIONS AND INTERVIEWS

On May 23, 2008, representatives from CES and Professional Solutions Group conducted an inspection of the subject property. The inspection involved visual observation and documentation of the existing site conditions and a survey of nearby sensitive receptors. The inspection revealed that the property is principally used for parking. Copies of site

photographs depicting the current conditions of the properties and City Directory Abstract are enclosed as Appendix A

6.1 HAZARDOUS SUBSTANCE STORAGE

No evidence of hazardous substance storage was observed during the inspection of the properties.

6.2 UNDERGROUND / ABOVEGROUND STORAGE TANKS

Based on visual observation, there was no aboveground storage (AST) or underground storage tanks (USTs) at the site.

6.3 LEAD-BASED PAINT (LBP)

There is no evidence of lead based paints.

6.4 ASBESTOS CONTAINING MATERIALS (ACMs)

There is no evidence of Asbestos containing materials (ACMs).

6.5 SOLID WASTE DISPOSAL

There is no evidence of solid waste management or disposal.

6.6 RADON

On the basis of information provided by EDR report, the average concentration of radon gas in the area is substantially lower than the United States Environmental Protection Agency (USEPA) actions limit of 4.0 pCiL.

7.0 HISTORICAL PROPERTY INFORMATION

7.1 SANBORN FIRE INSURANCE MAPS

Sanborn Fire Insurance maps for the years 1996, 1995, 1993, 1992, 1991, 1989, 1986, 1984, 1981, 1980, 1979, 1978, 1977, 1950, 1945, 1914, 1901, and 1900 were obtained from Environmental Data Resources (EDR), Inc., Southport, Connecticut. The maps are enclosed in Appendix B and were reviewed for historical purposes and for evidence of environmental concern on or near the adjoining properties. Review of the maps showed that the property was and remained an empty lot to date.

8.0 ENVIRONMENTAL RECORD SEARCH

8.1 ENVIRONMENTAL DATABASE INFORMATION

As a part of the ESA, CES contacted EDR, Inc. for information pertaining to the environmental databases of federal and state regulatory agencies The environmental database was provided and dated May 20, 2008. Copies of the database search from EDR, Inc. are enclosed as Appendix D. Copies of the data base search are enclosed below.

9.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the findings of this report, review of general property information, observation of neighboring properties, review of historical property information, and site inspections, there are no identifiable areas of potential environmental concern

However, it is recommended that the site be investigated for any hazardous materials that might be buried underneath the site

Should you have any questions pertaining to the Phase I report, please contact our office.

Sincerely,

Francis I. Onaga, CPG, CGWP
Principal Hydrogeologist
CES Environmental Services
CES Environmental Services
190 William Street, Suite 1C
South River, New Jersey 08882

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

4729 PZRK AVENUE
BRONX, NY 10457

COORDINATES

Latitude (North):	40.855360 - 40˚ 51' 19.3"
Longitude (West):	73.894300 - 73˚ 53' 39.5"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	593197.4
UTM Y (Meters):	4523077.5
Elevation:	54 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	40073-G8 CENTRAL PARK, NY
Most Recent Revision:	1995

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
Delisted NPL..... National Priority List Deletions
NPL LIENS..... Federal Superfund Liens
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
LIENS 2..... CERCLA Lien Information
CORRACTS..... Corrective Action Report
RCRA-TSDF..... RCRA - Transporters, Storage and Disposal
RCRA-LQG..... RCRA - Large Quantity Generators

EXECUTIVE SUMMARY

US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
DOT OPS	Incident and Accident Data
US CDL	Clandestine Drug Labs
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
ODI	Open Dump Inventory
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

HSWDS	Hazardous Substance Waste Disposal Site Inventory
SHWS	Inactive Hazardous Waste Disposal Sites in New York State
DEL SHWS	Delisted Registry Sites
SWF/LF	Facility Register
SWRCY	Registered Recycling Facility List
SWTIRE	Registered Waste Tire Storage & Facility List
CBS UST	Chemical Bulk Storage Database
MOSF UST	Major Oil Storage Facilities Database
HIST AST	Historical Petroleum Bulk Storage Database
CBS AST	Chemical Bulk Storage Database
MOSF AST	Major Oil Storage Facilities Database
ENG CONTROLS	Registry of Engineering Controls
INST CONTROL	Registry of Institutional Controls
VCP	Voluntary Cleanup Agreements
BROWNFIELDS	Brownfields Site List
NPDES	State Pollutant Discharge Elimination System
AIRS	Air Emissions Data
RES DECL	Restrictive Declarations Listing
E DESIGNATION	E DESIGNATION SITE LISTING
MOSF	Major Oil Storage Facility Site Listing
CBS	Chemical Bulk Storage Site Listing

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations

EXECUTIVE SUMMARY

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
INDIAN UST..... Underground Storage Tanks on Indian Land

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL RECORDS

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/06/2008 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ST BARNABAS HOSPITAL	*183RD SREET AND 3RD AVE*	*1/8 - 1/4SSE*	*AB105*	*288*

Lower Elevation	Address	Dist / Dir	Map ID	Page
NYCDOT BRONX FLEET SERVICES	*2144 WEBSTER AVE - 1ST*	*1/8 - 1/4SW*	*AA87*	*218*

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/06/2008 has revealed that there are 3 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
SETAUTO BODY REPAIRS INC	*4632 3RD AVE*	*1/8 - 1/4ENE*	*T65*	*148*
INDUSTRIAL COMBUSTION	*2395 WASHINGTON AVE*	*1/8 - 1/4NE*	*X91*	*226*
TONY CLEANERS	*2360 TIEBOUT AVE*	*1/8 - 1/4NNW*	*AF110*	*323*

EXECUTIVE SUMMARY

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 03/06/2008 has revealed that there are 14 RCRA-NonGen sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
NYC BD OF ED - PUBLIC SCHOOL 1	*2315 WASHINGTON AVE*	*0 - 1/8 ENE*	*E14*	*32*
PUBLIC SCHOOL IS 137X	*22-25 WEBSTER AVE*	*1/8 - 1/4 WSW*	*P50*	*112*
WASHINGTON AUTO BODY INC	*4602 3RD AVE*	*1/8 - 1/4 ENE*	*S63*	*144*
CARIBBEAN CAR WASH	*4615 3RD AVE*	*1/8 - 1/4 ENE*	*T66*	*170*
JASON CLEANERS	*2391 WASHINGTON AVE*	*1/8 - 1/4 NE*	*X80*	*200*
VERIZON	*2373 TIEBOUT AVE*	*1/8 - 1/4 NNW*	*AF122*	*364*
BELL ATLANTIC - TRG	*2373 TIEBOUT AVENUE*	*1/8 - 1/4 NNW*	*AF139*	*408*

Lower Elevation	Address	Dist / Dir	Map ID	Page
RENEWAL ARTS CONTRACTING & ENV	*4500 PARK AVE*	*0 - 1/8 SW*	*C8*	*21*
CON EDISON - MH 90	*4458 PARK AVE*	*1/8 - 1/4 SSW*	*K36*	*80*
CON EDISON - MH 189	*4432 PARK AVE*	*1/8 - 1/4 SSW*	*Q54*	*124*
NYCDEP WEBSTER AVENUE GARAGE	*2136 WEBSTER AVE - GARA*	*1/8 - 1/4 SW*	*62*	*140*
X-L BRASS MANUFACTURING CO INC	*4410 PARK AVE*	*1/8 - 1/4 SSW*	*79*	*198*
NYCDOT - MAINTENANCE & REPAIR	*412 E 181ST ST*	*1/8 - 1/4 SW*	*97*	*267*
NYSDOT WEBSTER AVENUE GARAGE	*401 E 181ST ST*	*1/8 - 1/4 SW*	*AA108*	*319*

STATE AND LOCAL RECORDS

LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the LTANKS list, as provided by EDR, and dated 02/05/2008 has revealed that there are 46 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ON STREET Date Closed: 05/01/98	*2263 PIEBOUT AVE*	*1/8 - 1/4 WNW*	*O49*	*110*
304 EAST 183 STREET Date Closed: 04/18/97	*304 EAST 183 STREET*	*1/8 - 1/4 WNW*	*Y92*	*229*
4422 THIRD AVE/BX/ST.BARN Date Closed: 01/03/91	*4422 THIRD AVENUE*	*1/8 - 1/4 SSE*	*AB93*	*231*
2310 VALENTINE AVENUE Date Closed: 03/14/94	*2310 VALENTINE AVENUE*	*1/8 - 1/4 WNW*	*AD102*	*282*
413 EAST 187TH STREET Date Closed: 09/02/92	*413 EAST 187TH STREET*	*1/8 - 1/4 N*	*AE106*	*311*
2373 TIEBOUT AVE Date Closed: 05/02/00 Date Closed: 01/31/92	*2373 TIEBOUT AVE*	*1/8 - 1/4 NNW*	*AF126*	*374*
APT BUILDING Date Closed: / /	333 E 181ST ST	1/4 - 1/2 WSW	AL141	415

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
LSL SERVICE INC APTS Date Closed: 09/26/95	***2162 VALENTINE AVE***	***1/4 - 1/2 WSW***	***AL142***	***416***
DOS BRONX LOT CLEANING Date Closed: / /	***4401 3RD AVE (181ST ST.***	***1/4 - 1/2 S***	***143***	***419***
NYFD ENGINE 48 Date Closed: 01/03/08 Date Closed: 01/13/05	***2417 WEBSTER AVE***	***1/4 - 1/2 N***	***145***	***423***
465 EAST 188TH ST/USPS Date Closed: 02/27/03	***465 EAST 188TH STREET***	***1/4 - 1/2 NE***	***AM146***	***427***
APARTMENT Date Closed: 05/20/05	480 EAST 188TH STREET	1/4 - 1/2 NE	AM147	430
495 EAST 188TH ST/BX Date Closed: 01/26/90	***495 EAST 188TH STREET***	***1/4 - 1/2 NE***	***148***	***431***
Not reported Date Closed: 05/07/01	***2413 LORILLARD PL***	***1/4 - 1/2 ENE***	***149***	***433***
2388 VALENTINE AVE/BRONX Date Closed: 12/31/87	***2388 VALENTINE AVE***	***1/4 - 1/2 NNW***	***150***	***436***
2096 VALENTINE AVE Date Closed: 02/24/97	***2096 VALENTINE AVE***	***1/4 - 1/2 WSW***	***151***	***438***
2235 GRAND CONCOURSE Date Closed: 01/04/95	***2235 GRAND CONCOURSE***	***1/4 - 1/2 W***	***152***	***441***
2427 HOFFMAN ST Date Closed: 11/09/05	2427 HOFFMAN ST	1/4 - 1/2 ENE	AN153	443
Not reported Date Closed: 01/30/03	2427 HOFFMAN ST	1/4 - 1/2 ENE	AN154	444
OUR LADY OF MT CARMEL Date Closed: 03/03/03	***2465 BATHGATE AV***	***1/4 - 1/2 NE***	***155***	***446***
Not reported Date Closed: 03/24/03	2108 RYER AVE	1/4 - 1/2 WSW	156	448
E 179TH ST SUBSTATION Date Closed: 05/29/02	***4340 3RD AVE***	***1/4 - 1/2 S***	***157***	***449***
TWIN PARK WEST (MONTEREY) Date Closed: / /	***2111 LA FONTAINE***	***1/4 - 1/2 SSE***	***158***	***460***
MOBIL SVCE STATION Date Closed: 11/03/05	***2173 GRAND CONCOURSE***	***1/4 - 1/2 W***	***159***	***464***
Not reported Date Closed: 03/04/04	182ND ST/ HUGHES AVE	1/4 - 1/2 SE	160	469
2100 ANTHONY AVENUE Date Closed: 12/15/03	***2100 ANTHONY AVE***	***1/4 - 1/2 WSW***	***162***	***478***
2432 GRAND CONCOURSE Date Closed: / / Date Closed: 09/13/04	***2432 GRAND CONCOURSE***	***1/4 - 1/2 NNW***	***163***	***480***
2403 CRESTON AVE Date Closed: 04/02/93	***2403 CRESTON AVE***	***1/4 - 1/2 NW***	***164***	***484***
FORDHAM UNIVERSITY Date Closed: 07/22/87 Date Closed: 02/22/89	***441 EAST FORDHAM ROAD***	***1/4 - 1/2 NE***	***AO165***	***486***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
441 E FORDHAM RD Date Closed: 01/21/92	*441 E FORDHAM RD*	*1/4 - 1/2NE*	*AO166*	*574*
METRO FUEL Date Closed: 12/07/04	417 EAST FORDHAM ROAD	1/4 - 1/2NNE	167	576
EAST 182 ST & BELMONT AVE Date Closed: 02/23/93	*BELMONT AV / E 182 ST*	*1/4 - 1/2SE*	*168*	*578*
Not reported Date Closed: 07/06/98	*2095 GRAND CONCOURSE*	*1/4 - 1/2WSW*	*AP169*	*580*
2095 GRAND CONCOURSE Date Closed: 12/27/93	*2095 GRAND CONCOURSE*	*1/4 - 1/2WSW*	*AP170*	*583*
400 E. FORDHAM RD. Date Closed: 04/15/94	*400 E. FORDHAN RD.*	*1/4 - 1/2NNE*	*171*	*585*
APARTMENT BLDG Date Closed: 01/13/03	2319 CAMBRELENG AVE	1/4 - 1/2ESE	172	588
2476 GRAND CONCOURSE Date Closed: 12/30/93	*2476 GRAND CONCOURSE*	*1/4 - 1/2NNW*	*173*	*589*
2461 BELMONT AVENUE Date Closed: 08/05/93	*2461 BELMONT AVENUE*	*1/4 - 1/2E*	*174*	*591*
2315 WALTON AVE. Date Closed: 10/23/92	*2315 WALTON AVE.*	*1/4 - 1/2WNW*	*175*	*594*
Not reported Date Closed: 08/17/04	2065 GRAND CONCOURSE	1/4 - 1/2WSW	176	596
Not reported Date Closed: 06/01/04	2450 CRESTON AVE	1/4 - 1/2NNW	177	598

Lower Elevation	Address	Dist / Dir	Map ID	Page
NYS DEP Date Closed: 10/31/03	*2144 WEBSTER AVE*	*1/8 - 1/4SW*	*AA86*	*216*
2136 WEBSTER AVENUE Date Closed: / /	*2136 WEBSTER AVENUE*	*1/8 - 1/4SW*	*AA96*	*262*
4386 PARK AVE Date Closed: 02/25/03	*4386 PARK AVE*	*1/4 - 1/2SSW*	*140*	*412*
EAGLE GAS STATION Date Closed: / /	*2103 WEBSTER AVE*	*1/4 - 1/2SW*	*144*	*421*
2037 WEBSTER AVENUE Date Closed: 09/13/95	*2037 WEBSTER AVENUE*	*1/4 - 1/2SW*	*161*	*470*

HIST LTANKS: A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database.

A review of the HIST LTANKS list, as provided by EDR, and dated 01/01/2002 has revealed that there

are 35 HIST LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ON STREET	2263 PIEBOUT AVE	1/8 - 1/4 WNW	O49	110
304 EAST 183 STREET	304 EAST 183 STREET	1/8 - 1/4 WNW	Y92	229
4422 THIRD AVE/BX/ST.BARN	4422 THIRD AVENUE	1/8 - 1/4 SSE	AB93	231
2310 VALENTINE AVENUE	2310 VALENTINE AVENUE	1/8 - 1/4 WNW	AD102	282
413 EAST 187TH STREET	413 EAST 187TH STREET	1/8 - 1/4 N	AE106	311
2373 TIEBOUT AVE	2373 TIEBOUT AVE	1/8 - 1/4 NNW	AF126	374
LSL SERVICE INC APTS	2162 VALENTINE AVE	1/4 - 1/2 WSW	AL142	416
DOS BRONX LOT CLEANING	4401 3RD AVE (181ST ST.	1/4 - 1/2 S	143	419
NYFD ENGINE 48	2417 WEBSTER AVE	1/4 - 1/2 N	145	423
465 EAST 188TH ST/USPS	465 EAST 188TH STREET	1/4 - 1/2 NE	AM146	427
495 EAST 188TH ST/BX	495 EAST 188TH STREET	1/4 - 1/2 NE	148	431
Not reported	2413 LORILLARD PL	1/4 - 1/2 ENE	149	433
2388 VALENTINE AVE/BRONX	2388 VALENTINE AVE	1/4 - 1/2 NNW	150	436
2096 VALENTINE AVE	2096 VALENTINE AVE	1/4 - 1/2 WSW	151	438
2235 GRAND CONCOURSE	2235 GRAND CONCOURSE	1/4 - 1/2 W	152	441
OUR LADY OF MT CARMEL	2465 BATHGATE AV	1/4 - 1/2 NE	155	446
E 179TH ST SUBSTATION	4340 3RD AVE	1/4 - 1/2 S	157	449
TWIN PARK WEST (MONTEREY)	2111 LA FONTAINE	1/4 - 1/2 SSE	158	460
MOBIL SVCE STATION	2173 GRAND CONCOURSE	1/4 - 1/2 W	159	464
2100 ANTHONY AVENUE	2100 ANTHONY AVE	1/4 - 1/2 WSW	162	478
2432 GRAND CONCOURSE	2432 GRAND CONCOURSE	1/4 - 1/2 NNW	163	480
2403 CRESTON AVE	2403 CRESTON AVE	1/4 - 1/2 NW	164	484
FORDHAM UNIVERSITY	441 EAST FORDHAM ROAD	1/4 - 1/2 NE	AO165	486
441 E FORDHAM RD	441 E FORDHAM RD	1/4 - 1/2 NE	AO166	574
EAST 182 ST & BELMONT AVE	BELMONT AV / E 182 ST	1/4 - 1/2 SE	168	578
Not reported	2095 GRAND CONCOURSE	1/4 - 1/2 WSW	AP169	580
2095 GRAND CONCOURSE	2095 GRAND CONCOURSE	1/4 - 1/2 WSW	AP170	583
400 E. FORDHAM RD.	400 E. FORDHAN RD.	1/4 - 1/2 NNE	171	585
2476 GRAND CONCOURSE	2476 GRAND CONCOURSE	1/4 - 1/2 NNW	173	589
2461 BELMONT AVENUE	2461 BELMONT AVENUE	1/4 - 1/2 E	174	591
2315 WALTON AVE.	2315 WALTON AVE.	1/4 - 1/2 WNW	175	594

Lower Elevation	Address	Dist / Dir	Map ID	Page
NYS DEP	2144 WEBSTER AVE	1/8 - 1/4 SW	AA86	216
2136 WEBSTER AVENUE	2136 WEBSTER AVENUE	1/8 - 1/4 SW	AA96	262
4386 PARK AVE	4386 PARK AVE	1/4 - 1/2 SSW	140	412
2037 WEBSTER AVENUE	2037 WEBSTER AVENUE	1/4 - 1/2 SW	161	470

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the UST list, as provided by EDR, and dated 12/06/2007 has revealed that there are 10 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
2261-2265 BASSFORD AVE	2261-2265 BASSFORD AVEN	0 - 1/8 SE	H19	46
INTERMEDIATE SCHOOL 137 - BRON	2225 WEBSTER AVENUE	1/8 - 1/4 WSW	P51	116
GLADYS PERRY	550 EAST 182ND STREET	1/8 - 1/4 SSE	57	129
DU 1ST REALTY CO (AKA TWIN PA	355-365 E 184TH ST	1/8 - 1/4 NNW	R60	136
ST SIMON STOCK SCHOOL	2195 VALENTINE AVENUE	1/8 - 1/4 W	AJ124	369
ST SIMON STOCK CHURCH	2191 VALENTINE AVE	1/8 - 1/4 W	AJ127	383

EXECUTIVE SUMMARY

Lower Elevation	Address	Dist / Dir	Map ID	Page
TWIN PARKS WEST HOUSES	*360 FORD STREET*	*0 - 1/8 WNW*	*I27*	*64*
4422 PARK AVENUE	*4422 PARK AVENUE*	*1/8 - 1/4 SSW*	*Q68*	*174*
BRONX MAINTENANCE SHOP	*412 EAST 181ST STREET*	*1/8 - 1/4 SW*	*AA95*	*240*
WEBSTER AVENUE YARD	*2130-46 WEBSTER AVENUE*	*1/8 - 1/4 SW*	*AA107*	*313*

HIST UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 13 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
2235 BASSFORD AVE. CORP.	2235 BASSFORD AVENUE	0 - 1/8 SSE	J28	67
INTERMEDIATE SCHOOL 137 - BRON	*2225 WEBSTER AVENUE*	*1/8 - 1/4 WSW*	*P51*	*116*
GLADYS PERRY	*550 EAST 182ND STREET*	*1/8 - 1/4 SSE*	*57*	*129*
DU 1ST REALTY CO AKA TWIN PARK	355-365 E 184TH ST	1/8 - 1/4 NNW	R61	138
ST. BARNABUS HOSPITAL	*4422 THIRD AVENUE*	*1/8 - 1/4 SSE*	*AB94*	*234*
2330 VALENTINE AVE	2330 VALENTINE AVE	1/8 - 1/4 NW	AG120	361
ST SIMON STOCK SCHOOL # 261	2195 VALENTINE AVE	1/8 - 1/4 W	AJ123	367
BELL ATLANTIC	*2373 TIEBOUT AVENUE*	*1/8 - 1/4 NNW*	*AF125*	*370*
ST SIMON STOCK CHURCH	*2191 VALENTINE AVE*	*1/8 - 1/4 W*	*AJ127*	*383*

Lower Elevation	Address	Dist / Dir	Map ID	Page
TWIN PARKS WEST HOUSES	*360 FORD STREET*	*0 - 1/8 WNW*	*I27*	*64*
4422 PARK AVENUE	*4422 PARK AVENUE*	*1/8 - 1/4 SSW*	*Q68*	*174*
BRONX MAINTENANCE SHOP	*412 EAST 181ST STREET*	*1/8 - 1/4 SW*	*AA95*	*240*
WEBSTER AVENUE YARD	*2130-46 WEBSTER AVENUE*	*1/8 - 1/4 SW*	*AA107*	*313*

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the AST list, as provided by EDR, and dated 12/06/2007 has revealed that there are 89 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
AP AMSTERDAM 2260 WASHINGTON R	2260 WASHINGTON AVENUE	0 - 1/8 ESE	A2	8
2268 WASHINGTON AVE	*2268 WASHINGTON AVE*	*0 - 1/8 ESE*	*A3*	*10*
WASHINGTON AVENUE HDFC	*2270 WASHINGTON AVENUE*	*0 - 1/8 ESE*	*A4*	*12*
2275 WASHINGTON AVENUE	2275 WASHINGTON AVE	0 - 1/8 ESE	A5	15
WASHINGTON AVENUE HDFC	*480 EAST 183RD STREET*	*0 - 1/8 E*	*B6*	*16*
450 EAST ASSOCIATES	*450 EAST 184TH STREET*	*0 - 1/8 NNE*	*D11*	*27*
QT PROPERTIES, INC.	443 EAST 184TH STREET	0 - 1/8 NNE	D13	31
CHURCH OF OUR SAVIOUR	*2317 WASHINGTON AVENUE*	*0 - 1/8 ENE*	*E15*	*36*
2257 BASSFORD REALTY LLC	2257 BASSFORD AVENUE	0 - 1/8 SE	H21	50
2254 BASSFORD AVE	*2254 BASSFORD AVE*	*0 - 1/8 SE*	*H24*	*56*
2235 BASSFORD AVE. CORP.	2235 BASSFORD AVENUE	0 - 1/8 SSE	J29	68
490 E. 184TH ST. REALTY CORP.	490 EAST 184TH STREET	0 - 1/8 ENE	E30	69
2179 REALTY CONSTRUCTION, LLC	2179 WASHINGTON AVENUE	0 - 1/8 S	31	71
NEW LINE REALTY VII & VIII COR	2334 WASHINGTON AVE.	1/8 - 1/4 E	L34	76
505 EAST 184TH STREET	*505 EAST 184TH STREET*	*1/8 - 1/4 E*	*L35*	*78*

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
2678 VALENTINE INC	***509 E 182 STREET***	***1/8 - 1/4 SSE***	***37***	***83***
PHOENIX HOUSE	***480 EAST 185TH ST***	***1/8 - 1/4 ENE***	***38***	***86***
2280 BATHGATE AVE	***2280 BATHGATE AVE***	***1/8 - 1/4 ESE***	***M40***	***90***
BATHGATE 1 LLC	2285 BATHGATE AVENUE	1/8 - 1/4 ESE	M41	92
2235 BATHGATE, LLC.	***2235 BATHGATE AVE***	***1/8 - 1/4 SE***	***42***	***94***
2292 BATHGATE AVENUE	***2292 BATHGATE AVE***	***1/8 - 1/4 ESE***	***M43***	***96***
2296 BATHGATE AVE	***2296 BATHGATE AVENUE***	***1/8 - 1/4 ESE***	***N44***	***99***
2300 BATHGATE AVE	***2300 BATHGATE AVE***	***1/8 - 1/4 ESE***	***N45***	***102***
532 EAST 184TH STREET	***532 EAST 184TH STREET***	***1/8 - 1/4 E***	***47***	***106***
PUBLIC SCHOOL 23-BRONX	2151 WASHINGTON AVE.	1/8 - 1/4 S	52	120
PUBLIC SCHOOL 59 - BRONX	2185 BATHGATE AVENUE	1/8 - 1/4 SSE	55	127
2307 TIEBOUT AVENUE	2307 TIEBOUT AVENUE	1/8 - 1/4 NW	56	128
2263 TIEBOUT AVENUE	2263 TIEBOUT AVENUE	1/8 - 1/4 WNW	O58	132
2259-63 TIEBOUT AVENUE	***2259-63 TIEBOUT AVENUE***	***1/8 - 1/4 W***	***59***	***134***
4533 3RD AVE.	4533 THIRD AVENUE	1/8 - 1/4 ENE	S64	146
BRONX WEBSTER REALTY CORP.	2366 WEBSTER AVE.	1/8 - 1/4 N	U67	173
MILCHMAN ENTERPRISES CO INC	***2240-42 TIEBOUT AVE***	***1/8 - 1/4 W***	***V69***	***177***
TIEBOUT TOWERS	***2332 TIEBOUT AVENUE***	***1/8 - 1/4 NW***	***W70***	***179***
TIEBOUT ESTATES, LLC	***2334 TIEBOUT AVE***	***1/8 - 1/4 NW***	***W71***	***182***
2230 TIEBOUT AVE	***2230 TIEBOUT AVE***	***1/8 - 1/4 W***	***V72***	***185***
2383 REALTY CORP	2383 WASHINGTON AVENUE	1/8 - 1/4 NE	X73	187
2200 TIEBOUT AVE	***2200 TIEBOUT AVE***	***1/8 - 1/4 W***	***V74***	***189***
NEW FORDHAME HDFC	2374 WEBSTER AVE	1/8 - 1/4 N	U75	191
340 E. 184TH STREET	340 E 184TH ST	1/8 - 1/4 NNW	R76	193
PUBLIC SCHOOL 209-BRONX	317 EAST 183RD STREET	1/8 - 1/4 WNW	Y77	194
2345-7 TIEBOUT AVE	***2345-7 TIEBOUT AVE***	***1/8 - 1/4 NW***	***78***	***196***
457 EAST 187TH STREET	***457 EAST 187TH STREET***	***1/8 - 1/4 NNE***	***Z82***	***203***
457-461 EAST 187TH STREET	***457-461 EAST 187TH STRE***	***1/8 - 1/4 NNE***	***Z83***	***206***
444 REALTY ASSOCIATES	444 EAST 187TH STREET	1/8 - 1/4 NNE	Z85	214
APARTMENT BUILDING	***441 EAST 187TH ST***	***1/8 - 1/4 NNE***	***Z88***	***221***
K 187 LLC	452 EAST 187TH STREET	1/8 - 1/4 NNE	Z89	224
2170 BATHGATE AVE	2170 BATHGATE AVENUE	1/8 - 1/4 S	90	225
ST. BARNABUS HOSPITAL	***4422 THIRD AVENUE***	***1/8 - 1/4 SSE***	***AB94***	***234***
2176-80 TIEBOUT AVE	***2176-80 TIEBOUT AVE***	***1/8 - 1/4 WSW***	***98***	***271***
2302 VALENTINE AVE CON RLTY AC	***2302 VALENTINE AVE***	***1/8 - 1/4 WNW***	***Y99***	***274***
SAFE N SECURE PARKING CORP	***305 EAST 182ND ST***	***1/8 - 1/4 W***	***AC100***	***276***
490 EAST 181ST STREET HDFC	***490 EAST 181ST STREET***	***1/8 - 1/4 S***	***101***	***279***
VAL REALTY ASSOCS, LLC	***2310 VALENTINE AV***	***1/8 - 1/4 WNW***	***AD103***	***284***
2378 BATHGATE L.L.C.	2382 BATHGATE AVENUE	1/8 - 1/4 ENE	104	287
ANNE P LIPKIND	***2314 VALENTINE AVE***	***1/8 - 1/4 WNW***	***AD109***	***320***
2229 VALENTINE AVENUE	***2229 VALENTINE AVENUE***	***1/8 - 1/4 W***	***AC111***	***342***
2364 TIEBOUT AVE.	***2364 TIEBOUT AVE.***	***1/8 - 1/4 NNW***	***AF113***	***347***
187 REALTY LLC	401-05 EAST 187TH STREE	1/8 - 1/4 N	AE114	350
AMGUIL REALTY CORP.	400 EAST 187TH STREET	1/8 - 1/4 N	AE115	352
2206 CARMEL REALTY CORP.	***2206 VALENTINE AVE***	***1/8 - 1/4 W***	***AC116***	***353***
2327 VALENTINE AVENUE	2327 VALENTINE AVENUE	1/8 - 1/4 NW	AG117	356
TRIO BRONX, INC.	***518 EAST 187TH STREET***	***1/8 - 1/4 ENE***	***AH118***	***357***
PALAZZOLO REALTY II CORP.	2356 LORILLARD PLACE	1/8 - 1/4 E	AI119	360
330 VAL AVE CORP	2330 VALENTINE AVENUE	1/8 - 1/4 NW	AG121	362
M S J HOLDING CO	***2335 VALENTINE AVE***	***1/8 - 1/4 NW***	***AG128***	***386***
2364 LORILLARD PLACE	2364 LORILLARD PLACE	1/8 - 1/4 E	AI129	388
2375 MARION AVENUE	***2375 MARION AVENUE***	***1/8 - 1/4 N***	***130***	***390***
2123 TIEBOUT AVENUE	2123-25 TIEBOUT AVENUE	1/8 - 1/4 WSW	AK131	392
BETTER BRONX REALTY INC	***2123-25 TIEBOUT AVENUE***	***1/8 - 1/4 WSW***	***AK132***	***394***
PINNACLE BRONX WEST LLC	2185 VALENTINE AVENUE	1/8 - 1/4 W	AJ133	397
2130 TIEBOUT	***2130 TIEBOUT AV***	***1/8 - 1/4 WSW***	***AK135***	***399***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
2340 VALENTINE AVENUE	2340 VALENTINE AVE	1/8 - 1/4 NW	AG136	402
2340 VALENTINE AVE	*2340 VALENTINE AVE*	*1/8 - 1/4 NW*	*AG137*	*403*
530 ASSOCIATES L.L.C.	*530 EAST 187 ST*	*1/8 - 1/4 ENE*	*AH138*	*406*

Lower Elevation	Address	Dist / Dir	Map ID	Page
4554 PARK AVE HOUSING DEVELOPM	*4554 PARK AVENUE*	*0 - 1/8 N*	*1*	*6*
440 EAST 182ND STREET	*440 EAST 182ND STREET*	*0 - 1/8 SW*	*C10*	*25*
4578 PARK AVENUE	*4578 PARK AVENUE*	*0 - 1/8 NNE*	*G17*	*41*
2250 WEBSTER AVENUE HDFC C/O R	*2250 WEBSTER AVENUE*	*0 - 1/8 W*	*I20*	*47*
FRANZ & THERESA SCHNEIDER	*4575 PARK AVE*	*0 - 1/8 N*	*G22*	*51*
2247/49 WEBSTER AVENUE	*2247 WEBSTER AVENUE*	*0 - 1/8 W*	*I23*	*54*
2246 WEBSTER AVENUE	*2246 WEBSTER AVENUE*	*0 - 1/8 W*	*I25*	*59*
4589 PARK AVENUE	4589 PARK AVENUE	0 - 1/8 N	32	72
PARK AVE APTS.	*4464 PARK AVE*	*0 - 1/8 SSW*	*K33*	*74*
2334 WEBSTER AVENUE	2334 WEBSTER AVENUE	1/8 - 1/4 NNW	39	88
HDH BRAKE & WHEEL	2202 WEBSTER AVENUE	1/8 - 1/4 WSW	46	104
NEW FORDHAME HDFC	2352 WEBSTER AVE	1/8 - 1/4 N	48	108
GREAT BEAR	2180 WEBSTER AVENUE	1/8 - 1/4 SW	53	122
BRONX FLEET SERVICES	2144 WEBSTER AVENUE	1/8 - 1/4 SW	AA84	209
BRONX MAINTENANCE SHOP	*412 EAST 181ST STREET*	*1/8 - 1/4 SW*	*AA95*	*240*

MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the MANIFEST list, as provided by EDR, and dated 02/15/2008 has revealed that there are 17 MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
NYC BD OF ED - PUBLIC SCHOOL 1	*2315 WASHINGTON AVE*	*0 - 1/8 ENE*	*E14*	*32*
PUBLIC SCHOOL IS 137X	*22-25 WEBSTER AVE*	*1/8 - 1/4 WSW*	*P50*	*112*
WASHINGTON AUTO BODY INC	*4602 3RD AVE*	*1/8 - 1/4 ENE*	*S63*	*144*
SETAUTO BODY REPAIRS INC	*4632 3RD AVE*	*1/8 - 1/4 ENE*	*T65*	*148*
CARIBBEAN CAR WASH	*4615 3RD AVE*	*1/8 - 1/4 ENE*	*T66*	*170*
JASON CLEANERS	*2391 WASHINGTON AVE*	*1/8 - 1/4 NE*	*X80*	*200*
INDUSTRIAL COMBUSTION	*2395 WASHINGTON AVE*	*1/8 - 1/4 NE*	*X91*	*226*
ST BARNABAS HOSPITAL	*183RD SREET AND 3RD AVE*	*1/8 - 1/4 SSE*	*AB105*	*288*
TONY CLEANERS	*2360 TIEBOUT AVE*	*1/8 - 1/4 NNW*	*AF110*	*323*
VERIZON	*2373 TIEBOUT AVE*	*1/8 - 1/4 NNW*	*AF122*	*364*
NYCDEP	2185 VALENTINE AVE	1/8 - 1/4 W	AJ134	398
BELL ATLANTIC - TRG	*2373 TIEBOUT AVENUE*	*1/8 - 1/4 NNW*	*AF139*	*408*

Lower Elevation	Address	Dist / Dir	Map ID	Page
CON EDISON - MH 90	*4458 PARK AVE*	*1/8 - 1/4 SSW*	*K36*	*80*
CON EDISON - MH 189	*4432 PARK AVE*	*1/8 - 1/4 SSW*	*Q54*	*124*
NYCDEP WEBSTER AVENUE GARAGE	*2136 WEBSTER AVE - GARA*	*1/8 - 1/4 SW*	*62*	*140*
NYCDOT BRONX FLEET SERVICES	*2144 WEBSTER AVE - 1ST*	*1/8 - 1/4 SW*	*AA87*	*218*
NYCDOT - MAINTENANCE & REPAIR	*412 E 181ST ST*	*1/8 - 1/4 SW*	*97*	*267*

EXECUTIVE SUMMARY

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 02/05/2008 has revealed that there are 6 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
Not reported Date Closed: 02/16/99	***E 183RD ST / WASHINGTON***	***0 - 1/8 E***	***B7***	***19***
ON ROADWAY Date Closed: 12/20/07	449 EAST 182ND STREET	0 - 1/8 SSW	C9	23
WASSERMAN ASSOCIATES Date Closed: 03/21/05	450 EAST 184TH ST.	0 - 1/8 NNE	D12	30

Lower Elevation	Address	Dist / Dir	Map ID	Page
MANHOLE 23975 Date Closed: 02/28/01	***2276 WEBSTER AV***	***0 - 1/8 NW***	***F16***	***39***
MANHOLE #10517 Date Closed: 08/27/03	183RD ST / WEBSTER AV	0 - 1/8 NW	F18	44
Not reported Date Closed: 07/05/01	***365 FORD STREET***	***0 - 1/8 WNW***	***I26***	***62***

NY Hist Spills: This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database.

A review of the NY Hist Spills list, as provided by EDR, and dated 01/01/2002 has revealed that there are 3 NY Hist Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
Not reported	***E 183RD ST / WASHINGTON***	***0 - 1/8 E***	***B7***	***19***

Lower Elevation	Address	Dist / Dir	Map ID	Page
MANHOLE 23975	***2276 WEBSTER AV***	***0 - 1/8 NW***	***F16***	***39***
Not reported	***365 FORD STREET***	***0 - 1/8 WNW***	***I26***	***62***

DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the DRYCLEANERS list, as provided by EDR, and dated 06/15/2004 has revealed that there are 2 DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
JASON'S CLEANERS	2391 WASHINGTON AVENUE	1/8 - 1/4 NE	X81	203
TONY'S DRY CLEANERS	2360 TIEBOUT AVENUE	1/8 - 1/4 NNW	AF112	347

EXECUTIVE SUMMARY

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there are 2 Manufactured Gas Plants sites within approximately 1 mile of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
CON EDISON - EAST 175TH ST. ST	1815 - 1845 WEBSTER AVE	1/2 - 1 SSW	178	599
CON EDISON - KINGSBRIDGE STATI	BLOCK 3236, LOT 25 AND	1/2 - 1 WNW	179	599

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
CON EDISON - MH 93	MANIFEST, RCRA-NonGen
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	MANIFEST
NYNEX	MANIFEST
CONSOLIDATED EDISON	MANIFEST
CONSOLIDATED EDISON	MANIFEST
MH23638	MANIFEST, RCRA-NonGen
MH71	MANIFEST, RCRA-NonGen
LOT 4,TAXBLOCK 2418	E DESIGNATION
LOT 2,TAXBLOCK 2418	E DESIGNATION
APARTMENT BLDG	LTANKS
NYSDOT BIN 1066349	RCRA-LQG
174 /CARTER WEBSTER EXIT	NY Spills, NY Hist Spills
VAULT # 3200	NY Spills
BRONX RIVER PARK	NY Spills, NY Hist Spills
ST. BARNABAS HOSPITAL	NY Spills
MANHOLE 183	NY Spills
EXIT 7B ON RTE 95	NY Spills, NY Hist Spills
BEDFORD PARK RD	NY Spills, NY Hist Spills
GETTY #258	NY Spills
GETTY#258	NY Spills
CONSTRUCTION SITE	NY Spills
MANHOLE #71	NY Spills, NY Hist Spills
MANHOLE #20866	NY Spills, NY Hist Spills
FEEDER # 72N	NY Spills
SEDGWICK AVENUE - PURS PLANT, 5 GA	NY Spills
IFO TASK FORCE	NY Spills
WEBSTER AV PURS PLANT	NY Spills
WEBSTER AVE PURS UNIT 72N	NY Spills
WEBSTER AVE PURS	NY Spills
WEBSTER AVE PURS UNIT 72S	NY Spills
MANHOLE #26580	NY Spills
GUN HILL RD	NY Spills
CROSS BRONX EXPRESSWAY	NY Spills
SMALL LEAK IN CABLE IN MH 10591	NY Spills
ONTO ROADWAY	NY Spills
PLAZA 163 LLC	VCP

Appendix B: Photographs

Appendix C: GPR Report

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

June 11, 2014

SFT Realty, LLC
41 Carmine Street
New York, NY

Re: GPR Survey – 4729 Park Avenue, Bronx, New York
Hydro Tech Job No. 140130

Dear Sir:

Hydro Tech Environmental, Corp. has performed a Ground Penetrating Radar (GPR) survey at the above referenced Site. The GPR survey was conducted to investigate all accessible areas of the property which included all accessible areas of the site to identify any anomalies representing the presence of an underground storage tank (UST). No vent pipes or fill pipes were noted on the property.

SITE DETAILS

The Site is approximately 4,900 square feet in area and consists of a parking lot. Upon inspection, the lot was vacant.

DESCRIPTION OF FIELDWORK

The GPR survey was performed on June 2, 2014 utilizing a GSSI SIR-3000 Control Unit and a 400-megahertz shielded antenna. Prior to the commencement of the survey a visual inspection of the property was performed to identify specific areas where USTs could be present.

The GPR takes one "scan" per set unit. The number of scans per unit is based upon the estimated sizes of targets. Based upon the typical size of a UST, the GPR was set to run at 50 scans per foot. 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 difference in amplitude obtained during each scan is then graphically displayed on the Control Unit, which are then interpreted by the GPR operator the time of the survey. Additional interpretations are then conducted in the office utilizing specialized computer software.

GPR RESULTS

No anomalies indicative of USTs or any other underground structures were found during the survey.

I hope that this information has proven valuable to this phase of your assessment. Should you have any questions, please feel free to contact our office at your convenience.

Very Truly Yours,
Hydro Tech Environmental, Corp.

Carlos Quinonez
Operations Manager

Encs.
cc: Hydro Tech File 140130

EXCLUSIONS & DISCLAIMER

The observations described in this report were made under the conditions stated therein. The conclusions presented in the report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client.

Observations were made of the subject property and/or of structures on the subject property as indicated within the report. Where access to portions of the subject property or to structures on the subject property was unavailable or limited, **Hydro Tech Environmental, Corp**. renders no opinion as to the presence of non-hazardous or hazardous materials, or to the presence of indirect evidence relating to a non hazardous or hazardous materials, in that portion of the subject property or structure. In addition, **Hydro Tech Environmental, Corp.** renders no opinion as to the presence of hazardous materials, or the presence of indirect evidence relating to hazardous materials, where direct observation of the interior walls, floors, or ceiling of a structure on a subject property was obstructed by objects or coverings on or over these surfaces.

The conclusions and recommendations contained in this report are based in part, where noted, upon various types of chemical data and are contingent upon their validity. The data have been reviewed and interpretations were made in the report. As indicated within the report, some of the data may be preliminary "screening" level data, and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, the data should be reviewed, and the conclusions and recommendations presented herein modified accordingly.

Any GPR survey described above was performed in accordance with good commercial and customary practice and generally accepted protocols within the consulting industry. **Hydro Tech Environmental, Corp.** does not accept responsibility for survey limitations due to inherent technological limitations or site specific conditions, however, made appropriate effort to identify and notify the client of such limitations and conditions. In particular, please note that the survey described above does not represent a full utility clearance survey, and does not relieve any party of applicable legal obligations to notify a utility one-call service prior to excavating or drilling.

Appendix D: Soil Boring Logs

Hydro Tech Environmental, Corp.

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NYC Office
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Soil Probe Log

Job No:		Date: 6/2/14	Page: 1 of 1
Location:	4729 Park Avenue Bronx, NY		Sampling Interval: 2 Feet
			Sampling Method: Grab
Boring No.:	SP-1		Driller: Oscar
Drilling Method:	Direct Push		Depth to Water: N/A
Total Depth:	18 Feet		

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Asphalt, concrete, brown compacted soil and pebbles
-2	0.0	SP	Brown fine compacted sand with trace asphalt and moisture
-4	0.0	SP	Concrete fill, brown granular soil
-6	0.0	SP	Concrete fill, black stain, no odor
-8	0.0	SP	Compacted brown sand, brick fill
-10	0.0	SP	Compacteed brown soil, trace brick fill, moist
-12	0.0	SP	Brown compacted moist soil
-14	0.0	SP	Brown compacted moist soil

-16		0.0	SP	
-18				Brown compacted moist soil

Hydro Tech Environmental, Corp.

Main Office
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Soil Probe Log

Job No:		Date: 6/2/14	Page: 1 of 1
Location:	4729 Park Avenue Bronx, NY		Sampling Interval: 2 Feet
			Sampling Method: Grab
Boring No.:	SP-2		Driller: Oscar
Drilling Method:	Direct Push		Depth to Water: N/A
Total Depth:	18 Feet		

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Asphalt, brown granular sand with pebbles
-2	0.0	SP	Brown granular sand and trace concrete
-4	0.0	SP	Red brick fill and brown granular sand
-6	0.0	SP	Red brick and concrete fill
-8	0.0	SP	Red brick and concrete fill
-10	0.0	SP	Red brick and concrete fill
-12	0.0	SP	Red brick and concrete fill
-14	0.0	SP	Concrete fill and granular brown sand

-16		0.0	SP	
				Concrete fill and granular brown sand
-18				

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Soil Probe Log

Job No:

Date: 6/2/14

Location: 4729 Park Avenue, Bronx, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SP-3

Driller: Oscar

Drilling Method: Direct Push

Depth to Water: N/A

Total Depth: 18 Feet

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Asphalt, brown granular sand with pebbles
-2	0.0	SP	Red brick and concrete fill
-4	0.0	SP	Red brick and concrete fill
-6	0.0	SP	Red brick and concrete fill
-8	0.0	SP	Red brick and concrete fill
-10	0.0	SP	Red brick and concrete fill
-12	0.0	SP	Red brick and concrete fill
-14	0.0	SP	Red brick and concrete fill

-16		0.0	SP	
-18				Red brick and concrete fill

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Soil Probe Log

Job No:

Date: 6/2/14

Location: 4729 Park Avenue, Bronx, NY

Sampling Interval: 2 Feet

Sampling Method: Grab

Boring No.: SP-4

Driller: Oscar

Drilling Method: Direct Push

Depth to Water: N/A

Total Depth: 18 Feet

USCS SYMBOLS

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

Depth Below Grade and Lithology	PID Reading (ppm)	USCS	Soil Description
0	0.0	SP	Asphalt, brown granular sand with pebbles
-2	0.0	SP	Red brick and concrete fill
-4	0.0	SP	Red brick and concrete fill
-6	0.0	SP	Red brick and concrete fill
-8	0.0	SP	Red brick and concrete fill
-10	0.0	SP	Red brick and concrete fill
-12	0.0	SP	Red brick and concrete fill
-14	0.0	SP	Red brick and concrete fill

-16		0.0	SP	
-18				Red brick and concrete fill

Appendix E: Monitoring Well Construction

HYDRO TECH ENVIRONMENTAL CORP.

MAIN OFFICE:
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NYC OFFICE:
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BROOKLYN, NEW YORK 11225

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WELL CONSTRUCTION LOG

Job No: 140130 Date: 06-03-2014 Page: 1 OF 1

Location: 4729 PARK AVENUE, BRONX, NY

Well Number: MW-1

Drilling Method: DIRECT PUSH TECHNOLOGY

Total Depth: 23'

Depth to Water: 17.45'

Manhole Size: 5"

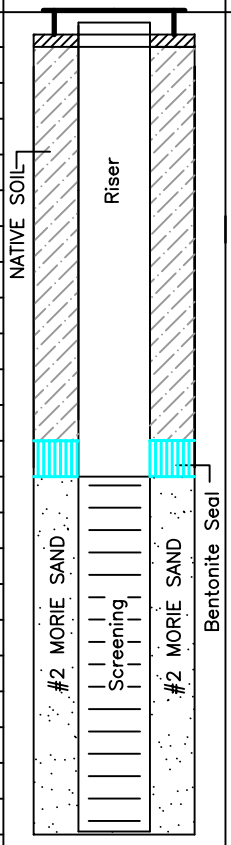
Screen Size: 0.010"

Screen Interval: 10.00'

Diameter: 1"

Riser Length: 13.00'

Sand Size: #2

Depth Below Grade (ft.)	Sample Interval (ft.)	Well Construction	Description
2			5" Manhole Cover.
4			0'-13.00' - 1" PVC Riser.
6			0'-12.00' - Native Soil.
8			12.00'-13.00' - Bentonite Seal.
10			13.00'-23.00' - #2 Sand.
12			13.00'-23.00' - 1" PVC Screen.
14			
16			
18			
20			
22			
24			
26			
28			
30			
32			
34			
36			

Appendix F: Well Sampling Log

HYDRO TECH ENVIRONMENTAL, CORP.
77 Arkay Drive, Suite G
Hauppauge, New York 11788
15 Ocean Avenue, 2nd Floor
Brooklyn, New York 11225

MONITORING WELL MONITORING LOG

Project Name	4729 Park Avenue	Date	6/4/2014
Client	SFT Realty, LLC	Instrument	Soilinst O/W Probe
Site Location	4729 Park Avenue, Bronx, New York	Spill No.	N/A
Monitoring Schedule	Once	Sampling Schedule	N/A

Legend

T = Trace F = Film S = Snow D = Dry G = Gone P = Pump C = Can't Locate
DTW = Depth to Water DTP = Depth to Product PT = Product Thickness ND = None Detected NA = No Access

Monitoring Well	D.T.P. (Before)	D.T.W. (Before)	P.T. (Before)	D.T.P. (After)	D.T.W. (After)	P.T. (After)
MW-1	ND	17.45	-	ND	17.45	-

Note All measurements in feet, TOC

Reported By
Silvestre Castillo

Reviewed By:
Erica Johnston

Appendix G: Laboratory Data Deliverables for Soil Analytical Data

Technical Report

prepared for:

Hydro Tech Environmental (Hauppauge)
77 Arkay Drive, Suite G
Hauppauge NY, 11788
Attention: Erica Johnston

Report Date: 06/09/2014
Client Project ID: 140130
York Project (SDG) No.: 14F0128

Report Date: 06/09/2014
Client Project ID: 140130
York Project (SDG) No.: 14F0128

Hydro Tech Environmental (Hauppauge)
77 Arkay Drive, Suite G
Hauppauge NY, 11788
Attention: Erica Johnston

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 03, 2014 and listed below. The project was identified as your project: **140130**.

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
14F0128-01	SP-1 (2-4)	Soil	06/02/2014	06/03/2014
14F0128-02	SP-1 (14-16)	Soil	06/02/2014	06/03/2014
14F0128-03	SP-2 (0-2)	Soil	06/02/2014	06/03/2014
14F0128-04	SP-2 (16-18)	Soil	06/02/2014	06/03/2014
14F0128-05	SP-3 (0-2)	Soil	06/02/2014	06/03/2014
14F0128-06	SP-3 (16-18)	Soil	06/02/2014	06/03/2014
14F0128-07	SP-4 (0-2)	Soil	06/02/2014	06/03/2014
14F0128-08	SP-4 (16-18)	Soil	06/02/2014	06/03/2014

General Notes for York Project (SDG) No.: 14F0128

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: 06/09/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **SP-1 (2-4)** **York Sample ID:** **14F0128-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	42	84	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
67-64-1	Acetone	ND		ug/kg dry	2.1	8.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
71-43-2	Benzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS

Sample Information

Client Sample ID: **SP-1 (2-4)** **York Sample ID:** **14F0128-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.1	8.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.1	8.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.2	8.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
100-42-5	Styrene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
108-88-3	Toluene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.3	13	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.1	4.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.7 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*95.5 %*	*90-112*

Sample Information

Client Sample ID: SP-1 (2-4) **York Sample ID:** 14F0128-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:00	SS

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
62-53-3	Aniline	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
120-12-7	Anthracene	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
56-55-3	**Benzo(a)anthracene**	**806**	J	ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
50-32-8	**Benzo(a)pyrene**	**525**	J	ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	945	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	945	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	945	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	945	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
218-01-9	**Chrysene**	**761**	J	ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1880	3750	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	945	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR

Sample Information

Client Sample ID: **SP-1 (2-4)** **York Sample ID:** **14F0128-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	945	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1880	3750	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	945	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
206-44-0	**Fluoranthene**	**574**	J	ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
86-73-7	Fluorene	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	945	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
78-59-1	Isophorone	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	945	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	945	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
91-20-3	Naphthalene	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	945	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	945	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	945	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	945	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	945	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
85-01-8	Phenanthrene	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
108-95-2	Phenol	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
129-00-0	**Pyrene**	**1050**	J	ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
110-86-1	Pyridine	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	473	1880	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR

Sample Information

Client Sample ID: **SP-1 (2-4)** **York Sample ID:** **14F0128-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: 2-Fluorophenol*	*50.4 %*		*10-105*							
4165-62-2	*Surrogate: Phenol-d5*	*59.4 %*		*10-118*							
4165-60-0	*Surrogate: Nitrobenzene-d5*	*57.2 %*		*10-140*							
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*59.0 %*		*10-126*							
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*50.7 %*		*10-150*							
1718-51-0	*Surrogate: Terphenyl-d14*	*62.2 %*		*10-137*							

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:09	SR

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	94.0	94.0	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 15:51	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.28	9.28	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 15:51	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 15:51	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 15:51	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 15:51	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 15:51	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 15:51	JW
72-20-8	Endrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 15:51	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 15:51	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 15:51	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 15:51	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 15:51	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 15:51	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.43	7.43	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 15:51	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 15:51	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 15:51	JW
309-00-2	Aldrin	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 15:51	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 15:51	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 15:51	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.86	1.86	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 15:51	JW

Sample Information

Client Sample ID: **SP-1 (2-4)** **York Sample ID:** **14F0128-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/kg dry	19.1	19.1	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:25	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	19.1	19.1	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:25	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	19.1	19.1	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:25	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	19.1	19.1	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:25	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	19.1	19.1	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:25	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	19.1	19.1	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:25	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	19.1	19.1	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:25	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.65	19.1	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:25	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.9 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10900**		mg/kg dry	1.13	1.13	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7440-36-0	Antimony	ND		mg/kg dry	0.563	0.563	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7440-38-2	**Arsenic**	**3.88**		mg/kg dry	1.13	1.13	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7440-39-3	**Barium**	**93.2**		mg/kg dry	1.13	1.13	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.338	0.338	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7440-70-2	**Calcium**	**11300**		mg/kg dry	0.563	5.63	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7440-47-3	**Chromium**	**19.7**		mg/kg dry	0.563	0.563	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7440-48-4	**Cobalt**	**7.42**		mg/kg dry	0.563	0.563	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7440-50-8	**Copper**	**48.9**		mg/kg dry	0.563	0.563	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7439-89-6	**Iron**	**15900**		mg/kg dry	2.25	2.25	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7439-92-1	**Lead**	**215**		mg/kg dry	0.338	0.338	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7439-95-4	**Magnesium**	**4490**		mg/kg dry	5.63	5.63	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7439-96-5	**Manganese**	**311**		mg/kg dry	0.563	0.563	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7440-02-0	**Nickel**	**15.8**		mg/kg dry	0.563	0.563	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7440-09-7	**Potassium**	**1510**		mg/kg dry	5.63	5.63	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7782-49-2	**Selenium**	**1.61**		mg/kg dry	1.13	1.13	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7440-22-4	Silver	ND		mg/kg dry	0.563	0.563	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7440-23-5	**Sodium**	**212**		mg/kg dry	11.3	11.3	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7440-28-0	Thallium	ND		mg/kg dry	1.13	1.13	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7440-62-2	**Vanadium**	**25.9**		mg/kg dry	1.13	1.13	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW
7440-66-6	**Zinc**	**68.8**		mg/kg dry	1.13	1.13	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:51	MW

Sample Information

Client Sample ID: **SP-1 (2-4)** **York Sample ID:** **14F0128-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0371	0.0371	1	EPA 7471B	06/05/2014 10:09	06/05/2014 17:02	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.9**		%	0.100	0.100	1	SM 2540G	06/09/2014 09:57	06/09/2014 15:11	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.394	0.563	1	EPA 7196A	06/09/2014 07:40	06/09/2014 14:46	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.5**		mg/kg	0.250	0.500	1	Calculation	06/09/2014 14:49	06/09/2014 14:52	SC

Sample Information

Client Sample ID: **SP-1 (14-16)** **York Sample ID:** **14F0128-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS

Sample Information

Client Sample ID: **SP-1 (14-16)** **York Sample ID:** **14F0128-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	36	72	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
78-93-3	2-Butanone	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
67-64-1	**Acetone**	**21**	B	ug/kg dry	1.8	7.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
71-43-2	Benzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
75-25-2	Bromoform	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
67-66-3	Chloroform	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
74-87-3	Chloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
74-95-3	Dibromomethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS

Sample Information

Client Sample ID: **SP-1 (14-16)** **York Sample ID:** **14F0128-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
75-09-2	Methylene chloride	ND		ug/kg dry	1.8	7.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.8	7.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.6	7.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
100-42-5	Styrene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
108-88-3	Toluene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	5.4	11	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	1.8	3.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.0 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.0 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*98.5 %*	*90-112*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	06/05/2014 15:09	06/06/2014 04:35	SS

Sample Information

Client Sample ID: **SP-1 (14-16)** **York Sample ID:** **14F0128-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
62-53-3	Aniline	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
120-12-7	**Anthracene**	**711**	J	ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
56-55-3	**Benzo(a)anthracene**	**4210**		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
50-32-8	**Benzo(a)pyrene**	**2460**		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
205-99-2	**Benzo(b)fluoranthene**	**1870**		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	928	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
207-08-9	**Benzo(k)fluoranthene**	**2510**		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	928	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	928	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	928	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
218-01-9	**Chrysene**	**3370**		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1850	3680	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	928	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	928	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1850	3680	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	928	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR

Sample Information

Client Sample ID: **SP-1 (14-16)** **York Sample ID:** **14F0128-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
206-44-0	**Fluoranthene**	**8000**		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
86-73-7	Fluorene	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	928	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
193-39-5	**Indeno(1,2,3-cd)pyrene**	**994**	J	ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
78-59-1	Isophorone	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	928	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	928	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
91-20-3	Naphthalene	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	928	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	928	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	928	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	928	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	928	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
85-01-8	**Phenanthrene**	**2590**		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
108-95-2	Phenol	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
129-00-0	Pyrene	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
110-86-1	Pyridine	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	464	1840	10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*55.2 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*64.7 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*61.0 %*	*10-140*

Sample Information

Client Sample ID: SP-1 (14-16) **York Sample ID:** 14F0128-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*61.0 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*51.3 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*71.7 %*			*10-137*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			10	EPA 8270D	06/05/2014 06:59	06/06/2014 14:40	SR

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	92.3	92.3	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:07	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.12	9.12	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:07	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:07	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:07	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:07	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:07	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:07	JW
72-20-8	Endrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:07	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:07	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:07	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:07	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:07	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:07	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.29	7.29	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:07	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:07	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:07	JW
309-00-2	Aldrin	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:07	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:07	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:07	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.82	1.82	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:07	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:45	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:45	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:45	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:45	JW

Sample Information

Client Sample ID: **SP-1 (14-16)** **York Sample ID:** **14F0128-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:45	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:45	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:45	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.51	18.8	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:45	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.7 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*44.3 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9300**		mg/kg dry	1.10	1.10	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7440-36-0	**Antimony**	**1.35**		mg/kg dry	0.552	0.552	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7440-38-2	**Arsenic**	**6.60**		mg/kg dry	1.10	1.10	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7440-39-3	**Barium**	**132**		mg/kg dry	1.10	1.10	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.110	0.110	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.331	0.331	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7440-70-2	**Calcium**	**12800**		mg/kg dry	0.552	5.52	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7440-47-3	**Chromium**	**25.9**		mg/kg dry	0.552	0.552	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7440-48-4	**Cobalt**	**8.20**		mg/kg dry	0.552	0.552	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7440-50-8	**Copper**	**48.2**		mg/kg dry	0.552	0.552	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7439-89-6	**Iron**	**16800**		mg/kg dry	2.21	2.21	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7439-92-1	**Lead**	**195**		mg/kg dry	0.331	0.331	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7439-95-4	**Magnesium**	**6200**		mg/kg dry	5.52	5.52	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7439-96-5	**Manganese**	**244**		mg/kg dry	0.552	0.552	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7440-02-0	**Nickel**	**18.7**		mg/kg dry	0.552	0.552	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7440-09-7	**Potassium**	**1650**		mg/kg dry	5.52	5.52	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7782-49-2	**Selenium**	**1.85**		mg/kg dry	1.10	1.10	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7440-22-4	Silver	ND		mg/kg dry	0.552	0.552	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7440-23-5	**Sodium**	**191**		mg/kg dry	11.0	11.0	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7440-28-0	Thallium	ND		mg/kg dry	1.10	1.10	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7440-62-2	**Vanadium**	**27.8**		mg/kg dry	1.10	1.10	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW
7440-66-6	**Zinc**	**190**		mg/kg dry	1.10	1.10	1	EPA 6010C	06/05/2014 09:05	06/05/2014 11:56	MW

Sample Information

Client Sample ID: **SP-1 (14-16)** **York Sample ID:** **14F0128-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0365	0.0365	1	EPA 7471B	06/06/2014 08:15	06/06/2014 15:48	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.5**		%	0.100	0.100	1	SM 2540G	06/09/2014 09:57	06/09/2014 15:11	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.387	0.552	1	EPA 7196A	06/09/2014 07:40	06/09/2014 14:46	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**23.4**		mg/kg	0.250	0.500	1	Calculation	06/09/2014 14:49	06/09/2014 14:52	SC

Sample Information

Client Sample ID: **SP-2 (0-2)** **York Sample ID:** **14F0128-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 14F0128-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	32	64	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
78-93-3	2-Butanone	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
67-64-1	Acetone	ND		ug/kg dry	1.6	6.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
71-43-2	Benzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
75-25-2	Bromoform	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
67-66-3	Chloroform	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
74-87-3	Chloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
74-95-3	Dibromomethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS

Sample Information

Client Sample ID: **SP-2 (0-2)** **York Sample ID:** **14F0128-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
75-09-2	**Methylene chloride**	**1.7**	J	ug/kg dry	1.6	6.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.6	6.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.2	6.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
100-42-5	Styrene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
108-88-3	Toluene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.8	9.6	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	1.6	3.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.3 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*90-112*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:10	SS

Sample Information

Client Sample ID: **SP-2 (0-2)** **York Sample ID:** **14F0128-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
62-53-3	Aniline	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
120-12-7	Anthracene	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
56-55-3	**Benzo(a)anthracene**	**264**	J	ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	453	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	453	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	453	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	453	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
218-01-9	**Chrysene**	**230**	J	ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	901	1800	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	453	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	453	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	901	1800	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	453	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR

Sample Information

Client Sample ID: **SP-2 (0-2)** **York Sample ID:** **14F0128-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
206-44-0	**Fluoranthene**	**457**	J	ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
86-73-7	Fluorene	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	453	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
78-59-1	Isophorone	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	453	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	453	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
91-20-3	Naphthalene	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	453	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	453	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	453	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	453	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	453	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
85-01-8	**Phenanthrene**	**266**	J	ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
108-95-2	Phenol	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
129-00-0	**Pyrene**	**455**	J	ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
110-86-1	Pyridine	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	226	899	5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*39.3 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*56.8 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*50.3 %*	*10-140*

Sample Information

Client Sample ID: SP-2 (0-2) **York Sample ID:** 14F0128-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*57.1 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*58.5 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*68.7 %*			*10-137*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			5	EPA 8270D	06/05/2014 06:59	06/06/2014 16:43	SR

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	90.1	90.1	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:23	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.90	8.90	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:23	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:23	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:23	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:23	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:23	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:23	JW
72-20-8	Endrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:23	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:23	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:23	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:23	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:23	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:23	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.12	7.12	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:23	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:23	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:23	JW
309-00-2	Aldrin	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:23	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:23	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:23	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.78	1.78	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:23	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.3	18.3	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:04	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.3	18.3	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:04	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.3	18.3	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:04	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.3	18.3	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:04	JW

Sample Information

Client Sample ID: **SP-2 (0-2)** **York Sample ID:** **14F0128-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.3	18.3	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:04	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.3	18.3	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:04	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.3	18.3	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:04	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.33	18.3	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:04	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.1 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.3 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12400**		mg/kg dry	1.08	1.08	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7440-36-0	Antimony	ND		mg/kg dry	0.539	0.539	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7440-38-2	**Arsenic**	**5.42**		mg/kg dry	1.08	1.08	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7440-39-3	**Barium**	**359**		mg/kg dry	1.08	1.08	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.108	0.108	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.324	0.324	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7440-70-2	**Calcium**	**29200**		mg/kg dry	0.539	5.39	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7440-47-3	**Chromium**	**34.5**		mg/kg dry	0.539	0.539	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7440-48-4	**Cobalt**	**8.44**		mg/kg dry	0.539	0.539	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7440-50-8	**Copper**	**28.2**		mg/kg dry	0.539	0.539	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7439-89-6	**Iron**	**19300**		mg/kg dry	2.16	2.16	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7439-92-1	**Lead**	**256**		mg/kg dry	0.324	0.324	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7439-95-4	**Magnesium**	**13800**		mg/kg dry	5.39	5.39	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7439-96-5	**Manganese**	**308**		mg/kg dry	0.539	0.539	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7440-02-0	**Nickel**	**26.2**		mg/kg dry	0.539	0.539	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7440-09-7	**Potassium**	**1600**		mg/kg dry	5.39	5.39	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7782-49-2	**Selenium**	**1.20**		mg/kg dry	1.08	1.08	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7440-22-4	Silver	ND		mg/kg dry	0.539	0.539	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7440-23-5	**Sodium**	**189**		mg/kg dry	10.8	10.8	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7440-28-0	Thallium	ND		mg/kg dry	1.08	1.08	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7440-62-2	**Vanadium**	**37.9**		mg/kg dry	1.08	1.08	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW
7440-66-6	**Zinc**	**269**		mg/kg dry	1.08	1.08	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:00	MW

Sample Information

Client Sample ID: **SP-2 (0-2)** **York Sample ID:** **14F0128-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0356	0.0356	1	EPA 7471B	06/06/2014 08:15	06/06/2014 15:48	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.7**		%	0.100	0.100	1	SM 2540G	06/09/2014 09:57	06/09/2014 15:11	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.377	0.539	1	EPA 7196A	06/09/2014 07:40	06/09/2014 14:46	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**32.0**		mg/kg	0.250	0.500	1	Calculation	06/09/2014 14:49	06/09/2014 14:52	SC

Sample Information

Client Sample ID: **SP-2 (16-18)** **York Sample ID:** **14F0128-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS

Sample Information

Client Sample ID: **SP-2 (16-18)** **York Sample ID:** **14F0128-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	51	100	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
67-64-1	**Acetone**	**17**	B	ug/kg dry	2.6	10	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
71-43-2	Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS

Sample Information

Client Sample ID: **SP-2 (16-18)** **York Sample ID:** **14F0128-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
75-09-2	**Methylene chloride**	**2.8**	J	ug/kg dry	2.6	10	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.6	10	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.1	10	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
108-88-3	Toluene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.7	15	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.6	5.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*95.0 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.3 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*98.9 %*	*90-112*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	06/05/2014 15:09	06/06/2014 05:45	SS

Sample Information

Client Sample ID: **SP-2 (16-18)** **York Sample ID:** **14F0128-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
62-53-3	Aniline	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
120-12-7	Anthracene	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
56-55-3	**Benzo(a)anthracene**	**1130**	J	ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
50-32-8	**Benzo(a)pyrene**	**581**	J	ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
205-99-2	**Benzo(b)fluoranthene**	**517**	J	ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	841	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
207-08-9	**Benzo(k)fluoranthene**	**584**	J	ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	841	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	841	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	841	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
218-01-9	**Chrysene**	**964**	J	ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	1670	3330	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	841	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	841	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	1670	3340	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	841	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR

Sample Information

Client Sample ID: **SP-2 (16-18)** **York Sample ID:** **14F0128-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
206-44-0	**Fluoranthene**	**1730**		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
86-73-7	Fluorene	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	841	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
78-59-1	Isophorone	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	841	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	841	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
91-20-3	Naphthalene	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	841	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	841	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	841	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	841	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	841	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
85-01-8	**Phenanthrene**	**491**	J	ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
108-95-2	Phenol	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
129-00-0	**Pyrene**	**1770**		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
110-86-1	Pyridine	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	420	1670	10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*29.1 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*53.9 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*49.4 %*	*10-140*

Sample Information

Client Sample ID: SP-2 (16-18) **York Sample ID:** 14F0128-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*56.8 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*14.7 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*65.3 %*			*10-137*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			10	EPA 8270D	06/05/2014 06:59	06/06/2014 17:14	SR

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	83.6	83.6	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:39	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.26	8.26	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:39	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.65	1.65	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:39	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.65	1.65	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:39	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.65	1.65	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:39	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.65	1.65	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:39	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.65	1.65	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:39	JW
72-20-8	Endrin	ND		ug/kg dry	1.65	1.65	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:39	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.65	1.65	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:39	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.65	1.65	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:39	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.65	1.65	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:39	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.65	1.65	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:39	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.65	1.65	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:39	JW
57-74-9	**Chlordane, total**	**27.5**		ug/kg dry	6.61	6.61	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:39	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.65	1.65	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:39	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.65	1.65	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:39	JW
309-00-2	Aldrin	ND		ug/kg dry	1.65	1.65	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:39	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.65	1.65	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:39	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.65	1.65	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:39	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.65	1.65	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:39	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	17.0	17.0	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:23	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	17.0	17.0	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:23	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	17.0	17.0	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:23	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	17.0	17.0	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:23	JW

Sample Information

Client Sample ID: **SP-2 (16-18)** **York Sample ID:** **14F0128-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		ug/kg dry	17.0	17.0	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:23	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	17.0	17.0	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:23	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	17.0	17.0	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:23	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	6.81	17.0	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:23	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.1 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.4 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9140**		mg/kg dry	1.00	1.00	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7440-36-0	Antimony	ND		mg/kg dry	0.501	0.501	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7440-38-2	**Arsenic**	**4.34**		mg/kg dry	1.00	1.00	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7440-39-3	**Barium**	**320**		mg/kg dry	1.00	1.00	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.100	0.100	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.300	0.300	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7440-70-2	**Calcium**	**39300**		mg/kg dry	0.501	5.01	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7440-47-3	**Chromium**	**17.5**		mg/kg dry	0.501	0.501	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7440-48-4	**Cobalt**	**5.40**		mg/kg dry	0.501	0.501	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7440-50-8	**Copper**	**31.4**		mg/kg dry	0.501	0.501	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7439-89-6	**Iron**	**12800**		mg/kg dry	2.00	2.00	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7439-92-1	**Lead**	**483**		mg/kg dry	0.300	0.300	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7439-95-4	**Magnesium**	**4320**		mg/kg dry	5.01	5.01	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7439-96-5	**Manganese**	**206**		mg/kg dry	0.501	0.501	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7440-02-0	**Nickel**	**15.1**		mg/kg dry	0.501	0.501	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7440-09-7	**Potassium**	**1630**		mg/kg dry	5.01	5.01	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7782-49-2	**Selenium**	**1.30**		mg/kg dry	1.00	1.00	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7440-22-4	Silver	ND		mg/kg dry	0.501	0.501	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7440-23-5	**Sodium**	**495**		mg/kg dry	10.0	10.0	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7440-28-0	Thallium	ND		mg/kg dry	1.00	1.00	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7440-62-2	**Vanadium**	**25.9**		mg/kg dry	1.00	1.00	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW
7440-66-6	**Zinc**	**309**		mg/kg dry	1.00	1.00	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:05	MW

Sample Information

Client Sample ID: **SP-2 (16-18)** **York Sample ID:** **14F0128-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0330	0.0330	1	EPA 7471B	06/06/2014 08:15	06/06/2014 15:48	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**99.9**		%	0.100	0.100	1	SM 2540G	06/09/2014 09:57	06/09/2014 15:11	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.350	0.501	1	EPA 7196A	06/09/2014 07:40	06/09/2014 14:46	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.5**		mg/kg	0.250	0.500	1	Calculation	06/09/2014 14:49	06/09/2014 14:52	SC

Sample Information

Client Sample ID: **SP-3 (0-2)** **York Sample ID:** **14F0128-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS

Sample Information

Client Sample ID: **SP-3 (0-2)** **York Sample ID:** **14F0128-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	41	82	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
67-64-1	**Acetone**	**32**	B	ug/kg dry	2.1	8.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
71-43-2	Benzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
75-25-2	Bromoform	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
67-66-3	Chloroform	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS

Sample Information

Client Sample ID: **SP-3 (0-2)** **York Sample ID:** **14F0128-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.1	8.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.1	8.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.1	8.2	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
100-42-5	Styrene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
108-88-3	Toluene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.2	12	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.1	4.1	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.7 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*90-112*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:21	SS

Sample Information

Client Sample ID: **SP-3 (0-2)** **York Sample ID:** **14F0128-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
62-53-3	Aniline	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
120-12-7	Anthracene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	444	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	444	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	444	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	444	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
218-01-9	Chrysene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	883	1760	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	444	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	444	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	883	1760	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	444	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR

Sample Information

Client Sample ID: **SP-3 (0-2)** **York Sample ID:** **14F0128-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
206-44-0	Fluoranthene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
86-73-7	Fluorene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	444	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
78-59-1	Isophorone	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	444	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	444	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
91-20-3	Naphthalene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	444	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	444	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	444	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	444	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	444	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
85-01-8	Phenanthrene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
108-95-2	Phenol	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
129-00-0	**Pyrene**	**240**	J	ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
110-86-1	Pyridine	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	222	881	5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*40.8 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*57.6 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*51.9 %*	*10-140*

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 14F0128-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*57.1 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*42.6 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*64.1 %*			*10-137*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			5	EPA 8270D	06/05/2014 06:59	06/06/2014 17:45	SR

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	88.3	88.3	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:55	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.72	8.72	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:55	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:55	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:55	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:55	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:55	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:55	JW
72-20-8	Endrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:55	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:55	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:55	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:55	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:55	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:55	JW
57-74-9	Chlordane, total	ND		ug/kg dry	6.98	6.98	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:55	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:55	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:55	JW
309-00-2	Aldrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:55	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:55	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:55	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 16:55	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.0	18.0	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:42	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.0	18.0	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:42	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.0	18.0	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:42	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.0	18.0	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:42	JW

Sample Information

Client Sample ID: **SP-3 (0-2)** **York Sample ID:** **14F0128-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.0	18.0	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:42	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.0	18.0	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:42	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.0	18.0	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:42	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.19	18.0	1	EPA 8081B/8082A	06/04/2014 18:00	06/05/2014 17:42	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.8 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.1 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8010**		mg/kg dry	1.06	1.06	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7440-36-0	Antimony	ND		mg/kg dry	0.529	0.529	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7440-38-2	**Arsenic**	**4.26**		mg/kg dry	1.06	1.06	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7440-39-3	**Barium**	**114**		mg/kg dry	1.06	1.06	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.106	0.106	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.317	0.317	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7440-70-2	**Calcium**	**22800**		mg/kg dry	0.529	5.29	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7440-47-3	**Chromium**	**15.7**		mg/kg dry	0.529	0.529	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7440-48-4	**Cobalt**	**6.34**		mg/kg dry	0.529	0.529	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7440-50-8	**Copper**	**216**		mg/kg dry	0.529	0.529	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7439-89-6	**Iron**	**14100**		mg/kg dry	2.11	2.11	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7439-92-1	**Lead**	**83.0**		mg/kg dry	0.317	0.317	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7439-95-4	**Magnesium**	**3870**		mg/kg dry	5.29	5.29	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7439-96-5	**Manganese**	**174**		mg/kg dry	0.529	0.529	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7440-02-0	**Nickel**	**15.5**		mg/kg dry	0.529	0.529	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7440-09-7	**Potassium**	**2010**		mg/kg dry	5.29	5.29	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7782-49-2	**Selenium**	**1.36**		mg/kg dry	1.06	1.06	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7440-22-4	Silver	ND		mg/kg dry	0.529	0.529	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7440-23-5	**Sodium**	**352**		mg/kg dry	10.6	10.6	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7440-28-0	Thallium	ND		mg/kg dry	1.06	1.06	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7440-62-2	**Vanadium**	**26.1**		mg/kg dry	1.06	1.06	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW
7440-66-6	**Zinc**	**109**		mg/kg dry	1.06	1.06	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:10	MW

Sample Information

Client Sample ID: SP-3 (0-2) **York Sample ID:** 14F0128-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0349	0.0349	1	EPA 7471B	06/06/2014 08:15	06/06/2014 15:48	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.6**		%	0.100	0.100	1	SM 2540G	06/09/2014 09:57	06/09/2014 15:11	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.370	0.529	1	EPA 7196A	06/09/2014 07:40	06/09/2014 14:46	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**14.8**		mg/kg	0.250	0.500	1	Calculation	06/09/2014 14:49	06/09/2014 14:52	SC

Sample Information

Client Sample ID: SP-3 (16-18) **York Sample ID:** 14F0128-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS

Sample Information

Client Sample ID: **SP-3 (16-18)** **York Sample ID:** **14F0128-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	24	48	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
78-93-3	2-Butanone	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
67-64-1	**Acetone**	**8.7**	B	ug/kg dry	1.2	4.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
71-43-2	Benzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
108-86-1	Bromobenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
75-25-2	Bromoform	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
74-83-9	Bromomethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
75-00-3	Chloroethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
67-66-3	Chloroform	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
74-87-3	Chloromethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
74-95-3	Dibromomethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS

Sample Information

Client Sample ID: **SP-3 (16-18)** **York Sample ID:** **14F0128-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
75-09-2	Methylene chloride	ND		ug/kg dry	1.2	4.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
91-20-3	Naphthalene	ND		ug/kg dry	1.2	4.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
95-47-6	o-Xylene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.4	4.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
100-42-5	Styrene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
108-88-3	Toluene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.6	7.3	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	1.2	2.4	1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*111 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.1 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*97.0 %*	*90-112*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	06/05/2014 15:09	06/06/2014 06:56	SS

Sample Information

Client Sample ID: **SP-3 (16-18)** **York Sample ID:** **14F0128-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
62-53-3	Aniline	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
120-12-7	Anthracene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	439	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	439	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	439	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	439	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
218-01-9	Chrysene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	872	1740	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	439	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	439	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	872	1740	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	439	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR

Sample Information

Client Sample ID: **SP-3 (16-18)** **York Sample ID:** **14F0128-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
206-44-0	Fluoranthene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
86-73-7	Fluorene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	439	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
78-59-1	Isophorone	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	439	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	439	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
91-20-3	Naphthalene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	439	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	439	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	439	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	439	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	439	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
85-01-8	Phenanthrene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
108-95-2	Phenol	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
129-00-0	Pyrene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
110-86-1	Pyridine	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	219	871	5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*38.6 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*60.4 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*55.8 %*	*10-140*

Sample Information

Client Sample ID: SP-3 (16-18) **York Sample ID:** 14F0128-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*58.4 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*16.5 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*64.7 %*			*10-137*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			5	EPA 8270D	06/05/2014 06:59	06/06/2014 18:16	SR

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	87.2	87.2	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 12:41	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.62	8.62	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 12:41	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.72	1.72	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 12:41	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.72	1.72	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 12:41	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.72	1.72	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 12:41	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.72	1.72	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 12:41	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.72	1.72	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 12:41	JW
72-20-8	Endrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 12:41	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.72	1.72	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 12:41	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.72	1.72	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 12:41	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.72	1.72	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 12:41	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 12:41	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 12:41	JW
57-74-9	Chlordane, total	ND		ug/kg dry	6.90	6.90	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 12:41	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 12:41	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.72	1.72	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 12:41	JW
309-00-2	Aldrin	ND		ug/kg dry	1.72	1.72	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 12:41	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.72	1.72	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 12:41	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.72	1.72	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 12:41	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.72	1.72	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 12:41	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	17.8	17.8	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 10:05	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	17.8	17.8	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 10:05	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	17.8	17.8	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 10:05	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	17.8	17.8	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 10:05	JW

Sample Information

Client Sample ID: **SP-3 (16-18)** **York Sample ID:** **14F0128-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		ug/kg dry	17.8	17.8	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 10:05	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	17.8	17.8	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 10:05	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	17.8	17.8	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 10:05	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.11	17.8	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 10:05	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*84.3 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.8 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13900**		mg/kg dry	1.04	1.04	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7440-36-0	**Antimony**	**0.611**		mg/kg dry	0.522	0.522	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7440-38-2	**Arsenic**	**4.98**		mg/kg dry	1.04	1.04	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7440-39-3	**Barium**	**66.5**		mg/kg dry	1.04	1.04	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.104	0.104	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.313	0.313	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7440-70-2	**Calcium**	**50700**		mg/kg dry	0.522	5.22	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7440-47-3	**Chromium**	**20.1**		mg/kg dry	0.522	0.522	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7440-48-4	**Cobalt**	**4.19**		mg/kg dry	0.522	0.522	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7440-50-8	**Copper**	**9.08**		mg/kg dry	0.522	0.522	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7439-89-6	**Iron**	**10500**		mg/kg dry	2.09	2.09	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7439-92-1	**Lead**	**12.2**		mg/kg dry	0.313	0.313	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7439-95-4	**Magnesium**	**3560**		mg/kg dry	5.22	5.22	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7439-96-5	**Manganese**	**238**		mg/kg dry	0.522	0.522	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7440-02-0	**Nickel**	**10.8**		mg/kg dry	0.522	0.522	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7440-09-7	**Potassium**	**974**		mg/kg dry	5.22	5.22	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7782-49-2	Selenium	ND		mg/kg dry	1.04	1.04	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7440-22-4	Silver	ND		mg/kg dry	0.522	0.522	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7440-23-5	**Sodium**	**1680**		mg/kg dry	10.4	10.4	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7440-28-0	Thallium	ND		mg/kg dry	1.04	1.04	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7440-62-2	**Vanadium**	**17.5**		mg/kg dry	1.04	1.04	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW
7440-66-6	**Zinc**	**14.9**		mg/kg dry	1.04	1.04	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:14	MW

Sample Information

Client Sample ID: SP-3 (16-18) **York Sample ID:** 14F0128-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0345	0.0345	1	EPA 7471B	06/06/2014 08:15	06/06/2014 15:48	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**95.7**		%	0.100	0.100	1	SM 2540G	06/09/2014 09:57	06/09/2014 15:11	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.366	0.522	1	EPA 7196A	06/09/2014 07:40	06/09/2014 14:46	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**19.2**		mg/kg	0.250	0.500	1	Calculation	06/09/2014 14:49	06/09/2014 14:52	SC

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 14F0128-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 14F0128-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	40	80	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
67-64-1	Acetone	ND		ug/kg dry	2.0	8.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
71-43-2	Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
75-25-2	Bromoform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
67-66-3	Chloroform	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS

Sample Information

Client Sample ID: **SP-4 (0-2)** **York Sample ID:** **14F0128-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
75-09-2	**Methylene chloride**	**2.5**	J	ug/kg dry	2.0	8.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.0	8.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.0	8.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
100-42-5	Styrene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
108-88-3	Toluene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.0	12	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.0	4.0	1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.3 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*90-112*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	06/05/2014 15:09	06/06/2014 07:31	SS

Sample Information

Client Sample ID: **SP-4 (0-2)** **York Sample ID:** **14F0128-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
62-53-3	Aniline	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
120-12-7	Anthracene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	1770	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	1770	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	1770	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	1770	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
218-01-9	Chrysene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	3520	7020	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	1770	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1770	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	3520	7020	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	1770	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR

Sample Information

Client Sample ID: **SP-4 (0-2)** **York Sample ID:** **14F0128-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
206-44-0	Fluoranthene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
86-73-7	Fluorene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	1770	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
78-59-1	Isophorone	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	1770	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	1770	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
91-20-3	Naphthalene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	1770	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	1770	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	1770	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	1770	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	1770	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
85-01-8	Phenanthrene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
108-95-2	Phenol	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
129-00-0	Pyrene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
110-86-1	Pyridine	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	885	3510	20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*30.4 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*41.8 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*41.0 %*	*10-140*

Sample Information

Client Sample ID: SP-4 (0-2) **York Sample ID:** 14F0128-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*49.2 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*38.4 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*51.4 %*			*10-137*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			20	EPA 8270D	06/05/2014 06:59	06/06/2014 18:46	SR

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	88.0	88.0	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:15	JW
72-43-5	Methoxychlor	ND		ug/kg dry	8.69	8.69	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:15	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:15	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:15	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:15	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:15	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:15	JW
72-20-8	Endrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:15	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:15	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:15	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:15	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:15	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:15	JW
57-74-9	**Chlordane, total**	**36.9**		ug/kg dry	6.95	6.95	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:15	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:15	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:15	JW
309-00-2	Aldrin	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:15	JW
50-29-3	**4,4'-DDT**	**2.22**		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:15	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:15	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.74	1.74	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:15	JW
11096-82-5	**Aroclor 1260**	**27.2**		ug/kg dry	17.9	17.9	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 10:43	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	17.9	17.9	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 10:43	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	17.9	17.9	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 10:43	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	17.9	17.9	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 10:43	JW

Sample Information

Client Sample ID: **SP-4 (0-2)** **York Sample ID:** **14F0128-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		ug/kg dry	17.9	17.9	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 10:43	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	17.9	17.9	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 10:43	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	17.9	17.9	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 10:43	JW
1336-36-3	*** Total PCBs**	**27.2**		ug/kg dry	7.16	17.9	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 10:43	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.4 %*	*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	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**17000**		mg/kg dry	1.05	1.05	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7440-36-0	Antimony	ND		mg/kg dry	0.527	0.527	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7440-38-2	**Arsenic**	**4.99**		mg/kg dry	1.05	1.05	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7440-39-3	**Barium**	**216**		mg/kg dry	1.05	1.05	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.105	0.105	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7440-43-9	**Cadmium**	**0.527**		mg/kg dry	0.316	0.316	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7440-70-2	**Calcium**	**13800**		mg/kg dry	0.527	5.27	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7440-47-3	**Chromium**	**56.1**		mg/kg dry	0.527	0.527	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7440-48-4	**Cobalt**	**18.2**		mg/kg dry	0.527	0.527	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7440-50-8	**Copper**	**67.9**		mg/kg dry	0.527	0.527	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7439-89-6	**Iron**	**30200**		mg/kg dry	2.11	2.11	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7439-92-1	**Lead**	**170**		mg/kg dry	0.316	0.316	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7439-95-4	**Magnesium**	**9740**		mg/kg dry	5.27	5.27	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7439-96-5	**Manganese**	**360**		mg/kg dry	0.527	0.527	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7440-02-0	**Nickel**	**45.7**		mg/kg dry	0.527	0.527	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7440-09-7	**Potassium**	**9250**		mg/kg dry	5.27	5.27	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7782-49-2	**Selenium**	**1.57**		mg/kg dry	1.05	1.05	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7440-22-4	Silver	ND		mg/kg dry	0.527	0.527	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7440-23-5	**Sodium**	**196**		mg/kg dry	10.5	10.5	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7440-28-0	Thallium	ND		mg/kg dry	1.05	1.05	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7440-62-2	**Vanadium**	**77.0**		mg/kg dry	1.05	1.05	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW
7440-66-6	**Zinc**	**304**		mg/kg dry	1.05	1.05	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:19	MW

Sample Information

Client Sample ID: **SP-4 (0-2)** **York Sample ID:** **14F0128-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0348	0.0348	1	EPA 7471B	06/06/2014 08:15	06/06/2014 15:48	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**94.9**		%	0.100	0.100	1	SM 2540G	06/09/2014 09:57	06/09/2014 15:11	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.369	0.527	1	EPA 7196A	06/09/2014 07:40	06/09/2014 14:46	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**53.2**		mg/kg	0.250	0.500	1	Calculation	06/09/2014 14:49	06/09/2014 14:52	SC

Sample Information

Client Sample ID: **SP-4 (16-18)** **York Sample ID:** **14F0128-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS

Sample Information

Client Sample ID: **SP-4 (16-18)** **York Sample ID:** **14F0128-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
123-91-1	1,4-Dioxane	ND		ug/kg dry	58	120	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
95-49-8	2-Chlorotoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
106-43-4	4-Chlorotoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
67-64-1	**Acetone**	**34**	B	ug/kg dry	2.9	12	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
71-43-2	Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
108-86-1	Bromobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS

Sample Information

Client Sample ID: **SP-4 (16-18)** **York Sample ID:** **14F0128-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Volatile Organics, 8260 List

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
75-09-2	**Methylene chloride**	**5.1**	J	ug/kg dry	2.9	12	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.9	12	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.8	12	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
100-42-5	Styrene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
108-88-3	Toluene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.7	17	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS
108-05-4	Vinyl acetate	ND		ug/kg dry	2.9	5.8	1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*67-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.4 %*	*75-127*
2037-26-5	*Surrogate: Toluene-d8*	*96.1 %*	*90-112*

Volatile Organics, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.0		ug/kg dry			1	EPA 8260C	06/05/2014 15:09	06/06/2014 08:06	SS

Sample Information

Client Sample ID: **SP-4 (16-18)** **York Sample ID:** **14F0128-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
62-53-3	Aniline	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
120-12-7	Anthracene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	466	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	466	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	466	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	466	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
218-01-9	Chrysene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	926	1850	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	466	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	466	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	926	1850	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	466	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR

Sample Information

Client Sample ID: **SP-4 (16-18)** **York Sample ID:** **14F0128-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
206-44-0	**Fluoranthene**	**432**	J	ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
86-73-7	Fluorene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	466	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
78-59-1	Isophorone	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	466	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	466	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
91-20-3	Naphthalene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	466	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	466	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	466	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	466	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	466	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
85-01-8	**Phenanthrene**	**340**	J	ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
108-95-2	Phenol	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
129-00-0	**Pyrene**	**453**	J	ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
110-86-1	Pyridine	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	233	924	5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*42.7 %*	*10-105*
4165-62-2	*Surrogate: Phenol-d5*	*49.7 %*	*10-118*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*43.8 %*	*10-140*

Sample Information

Client Sample ID: SP-4 (16-18) **York Sample ID:** 14F0128-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Semi-Volatiles, 8270 Target List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*53.0 %*			*10-126*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*34.3 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*60.9 %*			*10-137*						

Semi-Volatiles, Tentatively Identified Cmpds.

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Tentatively Identified Compounds	0.00		ug/kg dry			5	EPA 8270D	06/05/2014 06:59	06/06/2014 19:17	SR

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	92.6	92.6	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:31	JW
72-43-5	Methoxychlor	ND		ug/kg dry	9.15	9.15	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:31	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:31	JW
76-44-8	Heptachlor	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:31	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:31	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:31	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:31	JW
72-20-8	Endrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:31	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:31	JW
33213-65-9	* Endosulfan II	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:31	JW
959-98-8	Endosulfan I	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:31	JW
60-57-1	Dieldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:31	JW
319-86-8	delta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:31	JW
57-74-9	Chlordane, total	ND		ug/kg dry	7.32	7.32	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:31	JW
319-85-7	beta-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:31	JW
319-84-6	alpha-BHC	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:31	JW
309-00-2	Aldrin	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:31	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:31	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:31	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	1.83	1.83	5	EPA 8081B/8082A	06/05/2014 15:00	06/06/2014 18:31	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 11:02	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 11:02	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 11:02	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 11:02	JW

Sample Information

Client Sample ID: **SP-4 (16-18)** **York Sample ID:** **14F0128-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 11:02	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 11:02	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	18.8	18.8	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 11:02	JW
1336-36-3	* Total PCBs	ND		ug/kg dry	7.54	18.8	1	EPA 8081B/8082A	06/05/2014 15:00	06/09/2014 11:02	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.2 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.0 %*	*30-140*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8850**		mg/kg dry	1.11	1.11	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7440-36-0	Antimony	ND		mg/kg dry	0.554	0.554	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7440-38-2	**Arsenic**	**6.19**		mg/kg dry	1.11	1.11	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7440-39-3	**Barium**	**373**		mg/kg dry	1.11	1.11	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.333	0.333	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7440-70-2	**Calcium**	**58800**		mg/kg dry	0.554	5.54	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7440-47-3	**Chromium**	**12.7**		mg/kg dry	0.554	0.554	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7440-48-4	**Cobalt**	**3.50**		mg/kg dry	0.554	0.554	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7440-50-8	**Copper**	**27.5**		mg/kg dry	0.554	0.554	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7439-89-6	**Iron**	**9710**		mg/kg dry	2.22	2.22	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7439-92-1	**Lead**	**182**		mg/kg dry	0.333	0.333	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7439-95-4	**Magnesium**	**3220**		mg/kg dry	5.54	5.54	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7439-96-5	**Manganese**	**177**		mg/kg dry	0.554	0.554	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7440-02-0	**Nickel**	**8.65**		mg/kg dry	0.554	0.554	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7440-09-7	**Potassium**	**1140**		mg/kg dry	5.54	5.54	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7782-49-2	Selenium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7440-22-4	Silver	ND		mg/kg dry	0.554	0.554	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7440-23-5	**Sodium**	**905**		mg/kg dry	11.1	11.1	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7440-28-0	Thallium	ND		mg/kg dry	1.11	1.11	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7440-62-2	**Vanadium**	**29.2**		mg/kg dry	1.11	1.11	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW
7440-66-6	**Zinc**	**395**		mg/kg dry	1.11	1.11	1	EPA 6010C	06/05/2014 09:05	06/05/2014 12:36	MW

Sample Information

Client Sample ID: **SP-4 (16-18)** **York Sample ID:** **14F0128-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0128	140130	Soil	June 2, 2014 3:00 pm	06/03/2014

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0899**		mg/kg dry	0.0366	0.0366	1	EPA 7471B	06/06/2014 08:15	06/06/2014 15:48	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.2**		%	0.100	0.100	1	SM 2540G	06/09/2014 09:57	06/09/2014 15:11	KK

Chromium, Hexavalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.388	0.554	1	EPA 7196A	06/09/2014 07:40	06/09/2014 14:46	SC

Chromium, Trivalent

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

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**11.5**		mg/kg	0.250	0.500	1	Calculation	06/09/2014 14:49	06/09/2014 14:52	SC

Analytical Batch Summary

Batch ID: BF40187 **Preparation Method:** EPA 3550C **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14F0128-01	SP-1 (2-4)	06/04/14
14F0128-02	SP-1 (14-16)	06/04/14
14F0128-03	SP-2 (0-2)	06/04/14
14F0128-04	SP-2 (16-18)	06/04/14
14F0128-05	SP-3 (0-2)	06/04/14
BF40187-BLK1	Blank	06/04/14
BF40187-BS1	LCS	06/04/14
BF40187-BS2	LCS	06/04/14
BF40187-BSD1	LCS Dup	06/04/14
BF40187-BSD2	LCS Dup	06/04/14

Batch ID: BF40208 **Preparation Method:** EPA 3550C **Prepared By:** CC

YORK Sample ID	Client Sample ID	Preparation Date
14F0128-01	SP-1 (2-4)	06/05/14
14F0128-02	SP-1 (14-16)	06/05/14
14F0128-03	SP-2 (0-2)	06/05/14
14F0128-04	SP-2 (16-18)	06/05/14
14F0128-05	SP-3 (0-2)	06/05/14
14F0128-06	SP-3 (16-18)	06/05/14
14F0128-07	SP-4 (0-2)	06/05/14
14F0128-08	SP-4 (16-18)	06/05/14
BF40208-BLK1	Blank	06/05/14
BF40208-BS1	LCS	06/05/14

Batch ID: BF40224 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14F0128-01	SP-1 (2-4)	06/05/14
14F0128-02	SP-1 (14-16)	06/05/14
14F0128-03	SP-2 (0-2)	06/05/14
14F0128-04	SP-2 (16-18)	06/05/14
14F0128-05	SP-3 (0-2)	06/05/14
14F0128-06	SP-3 (16-18)	06/05/14
14F0128-07	SP-4 (0-2)	06/05/14
14F0128-08	SP-4 (16-18)	06/05/14
BF40224-BLK1	Blank	06/05/14
BF40224-SRM1	Reference	06/05/14

Batch ID: BF40228 **Preparation Method:** EPA SW846-7471 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14F0128-01	SP-1 (2-4)	06/05/14
BF40228-BLK1	Blank	06/05/14

BF40228-SRM1	Reference	06/05/14

Batch ID: BF40250 **Preparation Method:** EPA 3550C **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
14F0128-06	SP-3 (16-18)	06/05/14
14F0128-07	SP-4 (0-2)	06/05/14
14F0128-08	SP-4 (16-18)	06/05/14
BF40250-BLK1	Blank	06/05/14
BF40250-BS1	LCS	06/05/14
BF40250-BS2	LCS	06/05/14
BF40250-BSD1	LCS Dup	06/05/14
BF40250-BSD2	LCS Dup	06/05/14
BF40250-MS1	Matrix Spike	06/05/14
BF40250-MS2	Matrix Spike	06/05/14

Batch ID: BF40264 **Preparation Method:** EPA 5035A **Prepared By:** OW

YORK Sample ID	Client Sample ID	Preparation Date
14F0128-01	SP-1 (2-4)	06/05/14
14F0128-02	SP-1 (14-16)	06/05/14
14F0128-03	SP-2 (0-2)	06/05/14
14F0128-04	SP-2 (16-18)	06/05/14
14F0128-05	SP-3 (0-2)	06/05/14
14F0128-06	SP-3 (16-18)	06/05/14
14F0128-07	SP-4 (0-2)	06/05/14
14F0128-08	SP-4 (16-18)	06/05/14
BF40264-BLK1	Blank	06/05/14
BF40264-BS1	LCS	06/05/14
BF40264-BSD1	LCS Dup	06/05/14

Batch ID: BF40268 **Preparation Method:** EPA SW846-7471 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14F0128-02	SP-1 (14-16)	06/06/14
14F0128-03	SP-2 (0-2)	06/06/14
14F0128-04	SP-2 (16-18)	06/06/14
14F0128-05	SP-3 (0-2)	06/06/14
14F0128-06	SP-3 (16-18)	06/06/14
14F0128-07	SP-4 (0-2)	06/06/14
14F0128-08	SP-4 (16-18)	06/06/14
BF40268-BLK1	Blank	06/06/14
BF40268-DUP1	Duplicate	06/06/14
BF40268-MS1	Matrix Spike	06/06/14
BF40268-SRM1	Reference	06/06/14

Batch ID: BF40331 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date

14F0128-01	SP-1 (2-4)	06/09/14
14F0128-02	SP-1 (14-16)	06/09/14
14F0128-03	SP-2 (0-2)	06/09/14
14F0128-04	SP-2 (16-18)	06/09/14
14F0128-05	SP-3 (0-2)	06/09/14
14F0128-06	SP-3 (16-18)	06/09/14
14F0128-07	SP-4 (0-2)	06/09/14
14F0128-08	SP-4 (16-18)	06/09/14
BF40331-BLK1	Blank	06/09/14
BF40331-SRM1	Reference	06/09/14

Batch ID: BF40345 **Preparation Method:** % Solids Prep **Prepared By:** KK

YORK Sample ID	Client Sample ID	Preparation Date
14F0128-01	SP-1 (2-4)	06/09/14
14F0128-02	SP-1 (14-16)	06/09/14
14F0128-03	SP-2 (0-2)	06/09/14
14F0128-04	SP-2 (16-18)	06/09/14
14F0128-05	SP-3 (0-2)	06/09/14
14F0128-06	SP-3 (16-18)	06/09/14
14F0128-07	SP-4 (0-2)	06/09/14
14F0128-08	SP-4 (16-18)	06/09/14

Batch ID: BF40381 **Preparation Method:** EPA SW846-3060 **Prepared By:** SC

YORK Sample ID	Client Sample ID	Preparation Date
14F0128-01	SP-1 (2-4)	06/09/14
14F0128-02	SP-1 (14-16)	06/09/14
14F0128-03	SP-2 (0-2)	06/09/14
14F0128-04	SP-2 (16-18)	06/09/14
14F0128-05	SP-3 (0-2)	06/09/14
14F0128-06	SP-3 (16-18)	06/09/14
14F0128-07	SP-4 (0-2)	06/09/14
14F0128-08	SP-4 (16-18)	06/09/14

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 BF40264 - EPA 5035A											
Blank (BF40264-BLK1)								Prepared & Analyzed: 06/05/2014			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg wet								
Tentatively Identified Compounds	0.0		"								
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	13	10	"								
Benzene	ND	5.0	"								
Bromobenzene	ND	5.0	"								
Bromochloromethane	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon tetrachloride	ND	5.0	"								
Chlorobenzene	ND	5.0	"								
Chloroethane	ND	5.0	"								
Chloroform	ND	5.0	"								
Chloromethane	ND	5.0	"								
cis-1,2-Dichloroethylene	ND	5.0	"								
cis-1,3-Dichloropropylene	ND	5.0	"								
Dibromochloromethane	ND	5.0	"								
Dibromomethane	ND	5.0	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Hexachlorobutadiene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	ND	10	"								
n-Butylbenzene	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 BF40264 - EPA 5035A											
Blank (BF40264-BLK1)							Prepared & Analyzed: 06/05/2014				
n-Propylbenzene	ND	5.0	ug/kg wet								
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	*47.2*		*ug/L*	*50.0*		*94.3*	*67-130*				
Surrogate: p-Bromofluorobenzene	*45.4*		*"*	*50.0*		*90.8*	*75-127*				
Surrogate: Toluene-d8	*50.4*		*"*	*50.0*		*101*	*90-112*				
LCS (BF40264-BS1)							Prepared & Analyzed: 06/05/2014				
1,1,1,2-Tetrachloroethane	51.2		ug/L	50.0		102	72-126				
1,1,1-Trichloroethane	52.6		"	50.0		105	74-126				
1,1,2,2-Tetrachloroethane	51.7		"	50.0		103	72-133				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	58.5		"	50.0		117	47-160				
1,1,2-Trichloroethane	53.5		"	50.0		107	81-124				
1,1-Dichloroethane	52.8		"	50.0		106	80-125				
1,1-Dichloroethylene	51.6		"	50.0		103	62-136				
1,1-Dichloropropylene	54.1		"	50.0		108	81-121				
1,2,3-Trichlorobenzene	49.9		"	50.0		99.9	63-154				
1,2,3-Trichloropropane	53.7		"	50.0		107	70-126				
1,2,4-Trichlorobenzene	50.0		"	50.0		100	61-158				
1,2,4-Trimethylbenzene	50.8		"	50.0		102	83-123				
1,2-Dibromo-3-chloropropane	47.3		"	50.0		94.5	48-152				
1,2-Dibromoethane	51.4		"	50.0		103	81-123				
1,2-Dichlorobenzene	53.1		"	50.0		106	81-117				
1,2-Dichloroethane	49.8		"	50.0		99.6	67-129				
1,2-Dichloropropane	48.2		"	50.0		96.4	74-127				
1,3,5-Trimethylbenzene	50.3		"	50.0		101	81-120				
1,3-Dichlorobenzene	50.6		"	50.0		101	84-117				
1,3-Dichloropropane	51.6		"	50.0		103	77-125				
1,4-Dichlorobenzene	53.5		"	50.0		107	85-118				
1,4-Dioxane	1180		"	1000		118	31-190				
2,2-Dichloropropane	50.7		"	50.0		101	69-129				
2-Butanone	55.5		"	50.0		111	58-159				
2-Chlorotoluene	45.2		"	50.0		90.5	75-123				
4-Chlorotoluene	51.5		"	50.0		103	76-121				
Acetone	53.9		"	50.0		108	32-173				
Benzene	56.5		"	50.0		113	83-126				
Bromobenzene	51.9		"	50.0		104	70-130				
Bromochloromethane	49.8		"	50.0		99.6	73-128				
Bromodichloromethane	47.4		"	50.0		94.7	74-126				

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 BF40264 - EPA 5035A											
LCS (BF40264-BS1)							Prepared & Analyzed: 06/05/2014				
Bromoform	50.5		ug/L	50.0		101	63-137				
Bromomethane	53.0		"	50.0		106	24-144				
Carbon tetrachloride	52.4		"	50.0		105	68-132				
Chlorobenzene	54.1		"	50.0		108	87-115				
Chloroethane	59.7		"	50.0		119	39-146				
Chloroform	54.1		"	50.0		108	84-120				
Chloromethane	56.3		"	50.0		113	35-153				
cis-1,2-Dichloroethylene	58.8		"	50.0		118	86-121				
cis-1,3-Dichloropropylene	48.6		"	50.0		97.1	78-122				
Dibromochloromethane	49.1		"	50.0		98.2	41-149				
Dibromomethane	52.3		"	50.0		105	82-118				
Dichlorodifluoromethane	40.2		"	50.0		80.3	52-143				
Ethyl Benzene	51.1		"	50.0		102	81-118				
Hexachlorobutadiene	46.9		"	50.0		93.8	70-133				
Isopropylbenzene	51.1		"	50.0		102	78-122				
Methyl tert-butyl ether (MTBE)	52.9		"	50.0		106	62-140				
Methylene chloride	46.7		"	50.0		93.5	48-143				
Naphthalene	54.6		"	50.0		109	55-160				
n-Butylbenzene	50.3		"	50.0		101	71-142				
n-Propylbenzene	50.4		"	50.0		101	80-123				
o-Xylene	52.0		"	50.0		104	81-118				
p- & m- Xylenes	99.5		"	100		99.5	80-120				
p-Isopropyltoluene	51.1		"	50.0		102	83-126				
sec-Butylbenzene	51.8		"	50.0		104	84-123				
Styrene	54.8		"	50.0		110	85-115				
tert-Butylbenzene	50.3		"	50.0		101	78-122				
Tetrachloroethylene	52.9		"	50.0		106	76-129				
Toluene	50.4		"	50.0		101	85-116				
trans-1,2-Dichloroethylene	48.6		"	50.0		97.2	66-136				
trans-1,3-Dichloropropylene	48.9		"	50.0		97.8	71-128				
Trichloroethylene	48.4		"	50.0		96.7	83-118				
Trichlorofluoromethane	51.6		"	50.0		103	54-141				
Vinyl Chloride	51.7		"	50.0		103	38-147				
Vinyl acetate	50.8		"	50.0		102	67-136				
Surrogate: 1,2-Dichloroethane-d4	*47.0*		*"*	*50.0*		*94.0*	*67-130*				
Surrogate: p-Bromofluorobenzene	*47.5*		*"*	*50.0*		*95.0*	*75-127*				
Surrogate: Toluene-d8	*47.0*		*"*	*50.0*		*94.0*	*90-112*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40264 - EPA 5035A											
LCS Dup (BF40264-BSD1)							Prepared & Analyzed: 06/05/2014				
1,1,1,2-Tetrachloroethane	51.3		ug/L	50.0		103	72-126		0.195	30	
1,1,1-Trichloroethane	49.1		"	50.0		98.1	74-126		6.89	30	
1,1,2,2-Tetrachloroethane	50.2		"	50.0		100	72-133		2.85	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	58.0		"	50.0		116	47-160		0.962	30	
1,1,2-Trichloroethane	52.6		"	50.0		105	81-124		1.75	30	
1,1-Dichloroethane	49.8		"	50.0		99.7	80-125		5.71	30	
1,1-Dichloroethylene	50.5		"	50.0		101	62-136		2.15	30	
1,1-Dichloropropylene	49.4		"	50.0		98.7	81-121		9.24	30	
1,2,3-Trichlorobenzene	47.4		"	50.0		94.9	63-154		5.16	30	
1,2,3-Trichloropropane	53.1		"	50.0		106	70-126		1.10	30	
1,2,4-Trichlorobenzene	48.0		"	50.0		96.0	61-158		4.06	30	
1,2,4-Trimethylbenzene	48.6		"	50.0		97.2	83-123		4.45	30	
1,2-Dibromo-3-chloropropane	47.9		"	50.0		95.9	48-152		1.39	30	
1,2-Dibromoethane	53.3		"	50.0		107	81-123		3.67	30	
1,2-Dichlorobenzene	52.3		"	50.0		105	81-117		1.52	30	
1,2-Dichloroethane	49.0		"	50.0		97.9	67-129		1.68	30	
1,2-Dichloropropane	48.9		"	50.0		97.8	74-127		1.42	30	
1,3,5-Trimethylbenzene	48.4		"	50.0		96.9	81-120		3.69	30	
1,3-Dichlorobenzene	49.6		"	50.0		99.2	84-117		2.08	30	
1,3-Dichloropropane	50.8		"	50.0		102	77-125		1.68	30	
1,4-Dichlorobenzene	50.5		"	50.0		101	85-118		5.75	30	
1,4-Dioxane	1060		"	1000		106	31-190		10.9	30	
2,2-Dichloropropane	45.2		"	50.0		90.5	69-129		11.3	30	
2-Butanone	55.7		"	50.0		111	58-159		0.324	30	
2-Chlorotoluene	42.8		"	50.0		85.5	75-123		5.64	30	
4-Chlorotoluene	50.2		"	50.0		100	76-121		2.62	30	
Acetone	52.3		"	50.0		105	32-173		2.88	30	
Benzene	53.2		"	50.0		106	83-126		5.96	30	
Bromobenzene	48.7		"	50.0		97.3	70-130		6.52	30	
Bromochloromethane	49.6		"	50.0		99.2	73-128		0.382	30	
Bromodichloromethane	47.5		"	50.0		95.0	74-126		0.316	30	
Bromoform	49.1		"	50.0		98.1	63-137		2.79	30	
Bromomethane	53.0		"	50.0		106	24-144		0.132	30	
Carbon tetrachloride	48.6		"	50.0		97.2	68-132		7.52	30	
Chlorobenzene	53.2		"	50.0		106	87-115		1.60	30	
Chloroethane	56.0		"	50.0		112	39-146		6.32	30	
Chloroform	50.0		"	50.0		99.9	84-120		7.90	30	
Chloromethane	47.7		"	50.0		95.5	35-153		16.4	30	
cis-1,2-Dichloroethylene	54.1		"	50.0		108	86-121		8.33	30	
cis-1,3-Dichloropropylene	48.0		"	50.0		96.0	78-122		1.20	30	
Dibromochloromethane	51.6		"	50.0		103	41-149		4.97	30	
Dibromomethane	51.6		"	50.0		103	82-118		1.21	30	
Dichlorodifluoromethane	35.2		"	50.0		70.3	52-143		13.2	30	
Ethyl Benzene	50.6		"	50.0		101	81-118		0.885	30	
Hexachlorobutadiene	42.6		"	50.0		85.2	70-133		9.61	30	
Isopropylbenzene	49.2		"	50.0		98.4	78-122		3.79	30	
Methyl tert-butyl ether (MTBE)	50.4		"	50.0		101	62-140		4.90	30	
Methylene chloride	45.1		"	50.0		90.3	48-143		3.46	30	
Naphthalene	53.2		"	50.0		106	55-160		2.69	30	
n-Butylbenzene	47.2		"	50.0		94.3	71-142		6.34	30	
n-Propylbenzene	48.5		"	50.0		97.0	80-123		3.84	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 BF40264 - EPA 5035A											
LCS Dup (BF40264-BSD1)							Prepared & Analyzed: 06/05/2014				
o-Xylene	50.6		ug/L	50.0		101	81-118		2.75	30	
p- & m- Xylenes	97.1		"	100		97.1	80-120		2.42	30	
p-Isopropyltoluene	48.4		"	50.0		96.8	83-126		5.53	30	
sec-Butylbenzene	49.0		"	50.0		97.9	84-123		5.68	30	
Styrene	53.8		"	50.0		108	85-115		1.84	30	
tert-Butylbenzene	49.3		"	50.0		98.6	78-122		1.99	30	
Tetrachloroethylene	53.5		"	50.0		107	76-129		1.18	30	
Toluene	49.7		"	50.0		99.4	85-116		1.28	30	
trans-1,2-Dichloroethylene	48.1		"	50.0		96.2	66-136		1.03	30	
trans-1,3-Dichloropropylene	48.3		"	50.0		96.6	71-128		1.21	30	
Trichloroethylene	48.1		"	50.0		96.1	83-118		0.601	30	
Trichlorofluoromethane	50.1		"	50.0		100	54-141		3.01	30	
Vinyl Chloride	50.2		"	50.0		100	38-147		2.94	30	
Vinyl acetate	49.9		"	50.0		99.9	67-136		1.67	30	
Surrogate: 1,2-Dichloroethane-d4	*45.2*		*"*	*50.0*		*90.5*	*67-130*				
Surrogate: p-Bromofluorobenzene	*46.9*		*"*	*50.0*		*93.8*	*75-127*				
Surrogate: Toluene-d8	*48.1*		*"*	*50.0*		*96.2*	*90-112*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BF40208 - EPA 3550C

Blank (BF40208-BLK1) Prepared: 06/05/2014 Analyzed: 06/06/2014

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 BF40208 - EPA 3550C											
Blank (BF40208-BLK1)								Prepared: 06/05/2014 Analyzed: 06/06/2014			
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	*2060*		*"*	*2500*		*82.2*	*10-105*				
Surrogate: Phenol-d5	*2150*		*"*	*2500*		*85.8*	*10-118*				
Surrogate: Nitrobenzene-d5	*1410*		*"*	*1670*		*84.0*	*10-140*				
Surrogate: 2-Fluorobiphenyl	*1380*		*"*	*1670*		*82.7*	*10-126*				
Surrogate: 2,4,6-Tribromophenol	*2120*		*"*	*2500*		*84.6*	*10-150*				
Surrogate: Terphenyl-d14	*1410*		*"*	*1670*		*84.2*	*10-137*				
LCS (BF40208-BS1)								Prepared: 06/05/2014 Analyzed: 06/06/2014			
Acenaphthene	1470	167	ug/kg wet	1670		87.9	17-124				
Acenaphthylene	1450	167	"	1670		87.1	16-124				
Aniline	1330	167	"	1670		79.6	10-111				
Anthracene	1400	167	"	1670		84.1	24-124				
Benzo(a)anthracene	1540	167	"	1670		92.2	25-134				
Benzo(a)pyrene	1600	167	"	1670		96.3	29-144				
Benzo(b)fluoranthene	1480	167	"	1670		88.8	20-151				
Benzo(g,h,i)perylene	1440	167	"	1670		86.2	10-153				
Benzo(k)fluoranthene	1380	167	"	1670		82.8	10-148				
Benzyl alcohol	1140	167	"	1670		68.3	17-128				
Benzyl butyl phthalate	1320	167	"	1670		79.1	10-132				
4-Bromophenyl phenyl ether	1470	167	"	1670		87.9	30-138				
4-Chloro-3-methylphenol	1480	167	"	1670		88.8	16-138				
4-Chloroaniline	2010	167	"	1670		120	10-117	High Bias			
Bis(2-chloroethoxy)methane	1550	167	"	1670		92.8	10-129				
Bis(2-chloroethyl)ether	1600	167	"	1670		95.9	14-125				
Bis(2-chloroisopropyl)ether	1530	167	"	1670		91.9	14-122				
2-Chloronaphthalene	1540	167	"	1670		92.2	22-115				
2-Chlorophenol	1450	167	"	1670		87.2	25-121				
4-Chlorophenyl phenyl ether	1490	167	"	1670		89.7	18-132				
Chrysene	1370	167	"	1670		82.1	24-116				
Dibenzo(a,h)anthracene	1400	167	"	1670		84.2	17-147				
Dibenzofuran	1500	167	"	1670		90.2	23-123				
Di-n-butyl phthalate	1340	167	"	1670		80.5	19-123				
1,3-Dichlorobenzene	1440	167	"	1670		86.5	32-113				
1,4-Dichlorobenzene	1400	167	"	1670		84.0	28-111				
1,2-Dichlorobenzene	1420	167	"	1670		85.4	26-113				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40208 - EPA 3550C											
LCS (BF40208-BS1)								Prepared: 06/05/2014 Analyzed: 06/06/2014			
3,3'-Dichlorobenzidine	2240	333	ug/kg wet	1670		134	10-147				
2,4-Dichlorophenol	1420	167	"	1670		85.2	23-133				
Diethyl phthalate	1400	167	"	1670		84.0	23-122				
2,4-Dimethylphenol	1420	167	"	1670		85.3	15-131				
Dimethyl phthalate	1490	167	"	1670		89.5	28-127				
4,6-Dinitro-2-methylphenol	1670	167	"	1670		100	10-149				
2,4-Dinitrophenol	1470	333	"	1670		88.5	10-149				
2,4-Dinitrotoluene	1510	167	"	1670		90.7	30-123				
2,6-Dinitrotoluene	1480	167	"	1670		89.0	30-125				
Di-n-octyl phthalate	1350	167	"	1670		81.1	10-132				
Bis(2-ethylhexyl)phthalate	2100	167	"	1670		126	10-141				
Fluoranthene	1440	167	"	1670		86.2	36-125				
Fluorene	1450	167	"	1670		87.2	16-130				
Hexachlorobenzene	1290	167	"	1670		77.4	10-129				
Hexachlorobutadiene	1430	167	"	1670		86.0	22-153				
Hexachlorocyclopentadiene	1460	167	"	1670		87.7	10-134				
Hexachloroethane	1420	167	"	1670		85.4	20-112				
Indeno(1,2,3-cd)pyrene	1470	167	"	1670		88.1	10-155				
Isophorone	1600	167	"	1670		95.9	14-131				
2-Methylnaphthalene	1420	167	"	1670		85.5	16-127				
2-Methylphenol	1510	167	"	1670		90.9	10-146				
3- & 4-Methylphenols	1450	167	"	1670		86.9	20-109				
Naphthalene	1500	167	"	1670		89.7	20-121				
3-Nitroaniline	1600	167	"	1670		95.8	23-123				
2-Nitroaniline	1490	167	"	1670		89.4	24-126				
4-Nitroaniline	1580	167	"	1670		94.8	14-125				
Nitrobenzene	1500	167	"	1670		89.7	20-121				
2-Nitrophenol	1430	167	"	1670		85.5	17-129				
4-Nitrophenol	1570	167	"	1670		94.0	10-136				
N-nitroso-di-n-propylamine	1620	167	"	1670		97.3	21-119				
N-Nitrosodimethylamine	1600	167	"	1670		96.2	10-124				
N-Nitrosodiphenylamine	1690	167	"	1670		101	10-163				
Pentachlorophenol	1450	167	"	1670		87.0	10-143				
Phenanthrene	1410	167	"	1670		84.8	24-123				
Phenol	1580	167	"	1670		94.9	15-123				
Pyrene	1370	167	"	1670		82.1	24-132				
Pyridine	1140	167	"	1670		68.6	10-92				
1,2,4-Trichlorobenzene	1450	167	"	1670		86.8	23-130				
2,4,6-Trichlorophenol	1590	167	"	1670		95.4	27-122				
2,4,5-Trichlorophenol	1480	167	"	1670		88.9	14-138				
Surrogate: 2-Fluorophenol	*2250*		*"*	*2500*		*89.9*	*10-105*				
Surrogate: Phenol-d5	*2220*		*"*	*2500*		*88.8*	*10-118*				
Surrogate: Nitrobenzene-d5	*1440*		*"*	*1670*		*85.8*	*10-140*				
Surrogate: 2-Fluorobiphenyl	*1400*		*"*	*1670*		*84.2*	*10-126*				
Surrogate: 2,4,6-Tribromophenol	*2180*		*"*	*2500*		*87.3*	*30-130*				
Surrogate: Terphenyl-d14	*1390*		*"*	*1670*		*83.1*	*10-137*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40187 - EPA 3550C											
Blank (BF40187-BLK1)								Prepared: 06/04/2014 Analyzed: 06/05/2014			
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	*54.6*		*"*	*67.7*		*80.7*	*30-140*				
Surrogate: Decachlorobiphenyl	*49.9*		*"*	*71.7*		*69.6*	*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 BF40187 - EPA 3550C											
LCS (BF40187-BS1)								Prepared: 06/04/2014 Analyzed: 06/05/2014			
Methoxychlor	29.2	1.65	ug/kg wet	33.3		87.5	40-140				
Heptachlor epoxide	24.6	0.330	"	33.3		73.8	40-140				
Heptachlor	26.4	0.330	"	33.3		79.1	40-140				
gamma-BHC (Lindane)	25.7	0.330	"	33.3		77.0	40-140				
Endrin ketone	25.3	0.330	"	33.3		76.0	40-140				
Endrin aldehyde	24.0	0.330	"	33.3		72.1	40-140				
Endrin	26.3	0.330	"	33.3		78.8	40-140				
Endosulfan sulfate	26.2	0.330	"	33.3		78.5	40-140				
Endosulfan II	25.5	0.330	"	33.3		76.4	40-140				
Endosulfan I	26.4	0.330	"	33.3		79.3	40-140				
Dieldrin	26.3	0.330	"	33.3		78.9	40-140				
delta-BHC	28.5	0.330	"	33.3		85.4	40-140				
beta-BHC	26.8	0.330	"	33.3		80.4	40-140				
alpha-BHC	26.9	0.330	"	33.3		80.6	40-140				
Aldrin	24.1	0.330	"	33.3		72.3	40-140				
4,4'-DDT	31.7	0.330	"	33.3		95.1	40-140				
4,4'-DDE	22.0	0.330	"	33.3		66.1	40-140				
4,4'-DDD	22.8	0.330	"	33.3		68.5	40-140				
Surrogate: Tetrachloro-m-xylene	*52.9*		*"*	*67.7*		*78.2*	*30-140*				
Surrogate: Decachlorobiphenyl	*45.2*		*"*	*71.7*		*63.0*	*30-140*				
LCS (BF40187-BS2)								Prepared: 06/04/2014 Analyzed: 06/05/2014			
Aroclor 1260	390	17.0	ug/kg wet	333		117	40-130				
Aroclor 1016	369	17.0	"	333		111	40-130				
Surrogate: Tetrachloro-m-xylene	*48.7*		*"*	*67.7*		*71.9*	*30-140*				
Surrogate: Decachlorobiphenyl	*52.3*		*"*	*71.7*		*73.0*	*30-140*				
LCS Dup (BF40187-BSD1)								Prepared: 06/04/2014 Analyzed: 06/05/2014			
Methoxychlor	31.5	1.65	ug/kg wet	33.3		94.5	40-140		7.70	30	
Heptachlor epoxide	25.0	0.330	"	33.3		74.9	40-140		1.59	30	
Heptachlor	26.6	0.330	"	33.3		79.8	40-140		0.861	30	
gamma-BHC (Lindane)	26.2	0.330	"	33.3		78.7	40-140		2.20	30	
Endrin ketone	26.6	0.330	"	33.3		79.9	40-140		4.93	30	
Endrin aldehyde	24.2	0.330	"	33.3		72.6	40-140		0.751	30	
Endrin	26.7	0.330	"	33.3		80.2	40-140		1.66	30	
Endosulfan sulfate	27.1	0.330	"	33.3		81.3	40-140		3.62	30	
Endosulfan II	25.9	0.330	"	33.3		77.7	40-140		1.60	30	
Endosulfan I	26.9	0.330	"	33.3		80.6	40-140		1.58	30	
Dieldrin	26.5	0.330	"	33.3		79.5	40-140		0.676	30	
delta-BHC	29.6	0.330	"	33.3		88.9	40-140		4.08	30	
beta-BHC	27.2	0.330	"	33.3		81.6	40-140		1.52	30	
alpha-BHC	27.2	0.330	"	33.3		81.7	40-140		1.44	30	
Aldrin	25.1	0.330	"	33.3		75.2	40-140		3.90	30	
4,4'-DDT	32.7	0.330	"	33.3		98.2	40-140		3.21	30	
4,4'-DDE	23.8	0.330	"	33.3		71.3	40-140		7.60	30	
4,4'-DDD	25.6	0.330	"	33.3		76.7	40-140		11.4	30	
Surrogate: Tetrachloro-m-xylene	*53.3*		*"*	*67.7*		*78.7*	*30-140*				
Surrogate: Decachlorobiphenyl	*45.8*		*"*	*71.7*		*63.9*	*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 BF40187 - EPA 3550C											
LCS Dup (BF40187-BSD2)								Prepared: 06/04/2014 Analyzed: 06/05/2014			
Aroclor 1260	396	17.0	ug/kg wet	333		119	40-130		1.68	25	
Aroclor 1016	375	17.0	"	333		113	40-130		1.67	25	
Surrogate: Tetrachloro-m-xylene	*48.3*		*"*	*67.7*		*71.4*	*30-140*				
Surrogate: Decachlorobiphenyl	*53.3*		*"*	*71.7*		*74.4*	*30-140*				
Batch BF40250 - EPA 3550C											
Blank (BF40250-BLK1)								Prepared: 06/05/2014 Analyzed: 06/06/2014			
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	*53.7*		*"*	*67.7*		*79.3*	*30-140*				
Surrogate: Decachlorobiphenyl	*40.0*		*"*	*71.7*		*55.8*	*30-140*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40250 - EPA 3550C											
LCS (BF40250-BS1)								Prepared: 06/05/2014 Analyzed: 06/06/2014			
Methoxychlor	33.2	1.65	ug/kg wet	33.3		99.7	40-140				
Heptachlor epoxide	25.5	0.330	"	33.3		76.6	40-140				
Heptachlor	28.0	0.330	"	33.3		83.9	40-140				
gamma-BHC (Lindane)	26.4	0.330	"	33.3		79.2	40-140				
Endrin ketone	27.0	0.330	"	33.3		81.1	40-140				
Endrin aldehyde	24.3	0.330	"	33.3		73.0	40-140				
Endrin	27.7	0.330	"	33.3		83.1	40-140				
Endosulfan sulfate	27.6	0.330	"	33.3		82.8	40-140				
Endosulfan II	26.0	0.330	"	33.3		77.9	40-140				
Endosulfan I	26.6	0.330	"	33.3		79.7	40-140				
Dieldrin	26.6	0.330	"	33.3		79.8	40-140				
delta-BHC	28.9	0.330	"	33.3		86.6	40-140				
beta-BHC	26.6	0.330	"	33.3		79.8	40-140				
alpha-BHC	27.2	0.330	"	33.3		81.6	40-140				
Aldrin	25.0	0.330	"	33.3		75.0	40-140				
4,4'-DDT	30.3	0.330	"	33.3		90.8	40-140				
4,4'-DDE	24.1	0.330	"	33.3		72.4	40-140				
4,4'-DDD	25.7	0.330	"	33.3		77.2	40-140				
Surrogate: Tetrachloro-m-xylene	*56.5*		*"*	*67.7*		*83.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*49.1*		*"*	*71.7*		*68.5*	*30-140*				
LCS (BF40250-BS2)								Prepared: 06/05/2014 Analyzed: 06/09/2014			
Aroclor 1260	367	17.0	ug/kg wet	333		110	40-130				
Aroclor 1016	337	17.0	"	333		101	40-130				
Surrogate: Tetrachloro-m-xylene	*44.7*		*"*	*67.7*		*66.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*48.3*		*"*	*71.7*		*67.4*	*30-140*				
LCS Dup (BF40250-BSD1)								Prepared: 06/05/2014 Analyzed: 06/06/2014			
Methoxychlor	31.8	1.65	ug/kg wet	33.3		95.5	40-140		4.34	30	
Heptachlor epoxide	25.5	0.330	"	33.3		76.5	40-140		0.150	30	
Heptachlor	28.3	0.330	"	33.3		84.8	40-140		1.03	30	
gamma-BHC (Lindane)	27.5	0.330	"	33.3		82.4	40-140		3.91	30	
Endrin ketone	25.9	0.330	"	33.3		77.8	40-140		4.20	30	
Endrin aldehyde	24.2	0.330	"	33.3		72.5	40-140		0.651	30	
Endrin	27.3	0.330	"	33.3		82.0	40-140		1.36	30	
Endosulfan sulfate	26.7	0.330	"	33.3		80.0	40-140		3.40	30	
Endosulfan II	25.6	0.330	"	33.3		76.7	40-140		1.63	30	
Endosulfan I	26.4	0.330	"	33.3		79.1	40-140		0.867	30	
Dieldrin	26.5	0.330	"	33.3		79.5	40-140		0.368	30	
delta-BHC	29.4	0.330	"	33.3		88.3	40-140		2.00	30	
beta-BHC	27.3	0.330	"	33.3		81.8	40-140		2.45	30	
alpha-BHC	28.6	0.330	"	33.3		85.7	40-140		4.83	30	
Aldrin	24.9	0.330	"	33.3		74.7	40-140		0.330	30	
4,4'-DDT	29.7	0.330	"	33.3		89.1	40-140		1.89	30	
4,4'-DDE	23.3	0.330	"	33.3		69.9	40-140		3.59	30	
4,4'-DDD	23.9	0.330	"	33.3		71.7	40-140		7.30	30	
Surrogate: Tetrachloro-m-xylene	*55.5*		*"*	*67.7*		*82.1*	*30-140*				
Surrogate: Decachlorobiphenyl	*46.1*		*"*	*71.7*		*64.3*	*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 BF40250 - EPA 3550C											
LCS Dup (BF40250-BSD2)								Prepared: 06/05/2014 Analyzed: 06/09/2014			
Aroclor 1260	371	17.0	ug/kg wet	333		111	40-130		1.12	25	
Aroclor 1016	346	17.0	"	333		104	40-130		2.48	25	
Surrogate: Tetrachloro-m-xylene	*45.3*		*"*	*67.7*		*67.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*47.0*		*"*	*71.7*		*65.6*	*30-140*				
Matrix Spike (BF40250-MS1)	*Source sample: 14F0128-06 (SP-3 (16-18))							Prepared: 06/05/2014 Analyzed: 06/06/2014			
Methoxychlor	27.9	8.62	ug/kg dry	34.8	ND	80.0	30-150				
Heptachlor epoxide	29.5	1.72	"	34.8	ND	84.8	30-150				
Heptachlor	30.3	1.72	"	34.8	ND	86.9	30-150				
gamma-BHC (Lindane)	30.7	1.72	"	34.8	ND	88.1	30-150				
Endrin ketone	24.3	1.72	"	34.8	ND	69.9	30-150				
Endrin aldehyde	23.3	1.72	"	34.8	ND	66.8	30-150				
Endrin	29.4	1.72	"	34.8	ND	84.4	30-150				
Endosulfan sulfate	25.9	1.72	"	34.8	ND	74.5	30-150				
Endosulfan II	25.7	1.72	"	34.8	ND	73.8	30-150				
Endosulfan I	26.5	1.72	"	34.8	ND	76.1	30-150				
Dieldrin	25.8	1.72	"	34.8	ND	74.1	30-150				
delta-BHC	30.0	1.72	"	34.8	ND	86.0	30-150				
beta-BHC	30.4	1.72	"	34.8	ND	87.1	30-150				
alpha-BHC	31.0	1.72	"	34.8	ND	89.0	30-150				
Aldrin	25.5	1.72	"	34.8	ND	73.2	30-150				
4,4'-DDT	26.6	1.72	"	34.8	ND	76.5	30-150				
4,4'-DDE	21.1	1.72	"	34.8	ND	60.6	30-150				
4,4'-DDD	20.2	1.72	"	34.8	ND	58.1	30-150				
Surrogate: Tetrachloro-m-xylene	*71.3*		*"*	*70.7*		*101*	*30-140*				
Surrogate: Decachlorobiphenyl	*49.6*		*"*	*74.9*		*66.2*	*30-140*				
Matrix Spike (BF40250-MS2)	*Source sample: 14F0128-06 (SP-3 (16-18))							Prepared: 06/05/2014 Analyzed: 06/09/2014			
Aroclor 1260	312	17.8	ug/kg dry	348	ND	89.5	40-140				
Aroclor 1016	329	17.8	"	348	ND	94.5	40-140				
Surrogate: Tetrachloro-m-xylene	*44.6*		*"*	*70.7*		*63.1*	*30-140*				
Surrogate: Decachlorobiphenyl	*38.7*		*"*	*74.9*		*51.6*	*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 BF40224 - EPA 3050B											
Blank (BF40224-BLK1)								Prepared & Analyzed: 06/05/2014			
Aluminum	ND	1.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	1.00	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.500	"								
Copper	ND	0.500	"								
Iron	ND	2.00	"								
Lead	ND	0.300	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	0.500	"								
Potassium	ND	5.00	"								
Selenium	ND	1.00	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	1.00	"								
Vanadium	ND	1.00	"								
Zinc	ND	1.00	"								
Reference (BF40224-SRM1)								Prepared & Analyzed: 06/05/2014			
Aluminum	7220	1.00	mg/kg wet	8840		81.7	42-158				
Antimony	133	0.500	"	88.2		151	26.3-289				
Arsenic	90.8	1.00	"	99.6		91.2	69.3-131				
Barium	287	1.00	"	310		92.5	74.2-126				
Beryllium	65.5	0.100	"	72.3		90.7	73.8-126				
Cadmium	159	0.300	"	182		87.2	73.6-126				
Calcium	6140	5.00	"	6790		90.5	74.2-126				
Chromium	122	0.500	"	136		89.7	70.4-130				
Cobalt	116	0.500	"	128		90.4	74.1-125				
Copper	99.8	0.500	"	102		97.9	74.3-126				
Iron	11200	2.00	"	12600		89.1	31-168				
Lead	99.1	0.300	"	115		86.2	72.1-129				
Magnesium	2600	5.00	"	3010		86.4	66.1-134				
Manganese	294	0.500	"	323		91.0	74.9-125				
Nickel	147	0.500	"	153		96.3	73.2-126				
Potassium	2450	5.00	"	2840		86.2	62-138				
Selenium	141	1.00	"	150		94.2	67.3-133				
Silver	33.2	0.500	"	40.4		82.2	65.8-134				
Sodium	2500	10.0	"	2760		90.6	65.9-134				
Thallium	153	1.00	"	174		88.2	69-132				
Vanadium	88.3	1.00	"	97.6		90.5	65.2-135				
Zinc	139	1.00	"	161		86.6	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 BF40228 - EPA SW846-7471											
Blank (BF40228-BLK1)								Prepared & Analyzed: 06/05/2014			
Mercury	ND	0.0330	mg/kg wet								
Reference (BF40228-SRM1)								Prepared & Analyzed: 06/05/2014			
Mercury	3.35	0.330	mg/kg wet	3.73		89.7	68.6-131				
Batch BF40268 - EPA SW846-7471											
Blank (BF40268-BLK1)								Prepared & Analyzed: 06/06/2014			
Mercury	ND	0.0330	mg/kg wet								
Duplicate (BF40268-DUP1)	*Source sample: 14F0128-02 (SP-1 (14-16))							Prepared & Analyzed: 06/06/2014			
Mercury	ND	0.0365	mg/kg dry		ND					35	
Matrix Spike (BF40268-MS1)	*Source sample: 14F0128-02 (SP-1 (14-16))							Prepared & Analyzed: 06/06/2014			
Mercury	0.363	0.0365	mg/kg dry	0.368	ND	98.5	75-125				
Reference (BF40268-SRM1)								Prepared & Analyzed: 06/06/2014			
Mercury	3.30	0.330	mg/kg wet	3.73		88.5	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 BF40331 - EPA SW846-3060											
Blank (BF40331-BLK1)								Prepared & Analyzed: 06/09/2014			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BF40331-SRM1)								Prepared & Analyzed: 06/09/2014			
Chromium, Hexavalent	88.8		mg/L	125		71.0	20.2-180				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14F0128-01	SP-1 (2-4)	40mL 01_Clear Vial Cool to 4° C
14F0128-02	SP-1 (14-16)	40mL 01_Clear Vial Cool to 4° C
14F0128-03	SP-2 (0-2)	40mL 01_Clear Vial Cool to 4° C
14F0128-04	SP-2 (16-18)	40mL 01_Clear Vial Cool to 4° C
14F0128-05	SP-3 (0-2)	40mL 01_Clear Vial Cool to 4° C
14F0128-06	SP-3 (16-18)	40mL 01_Clear Vial Cool to 4° C
14F0128-07	SP-4 (0-2)	40mL 01_Clear Vial Cool to 4° C
14F0128-08	SP-4 (16-18)	40mL 01_Clear Vial Cool to 4° C

Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

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*	Analyte is not certified or the state 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.

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. 14F0128

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: Hydro Tech	Company:	Company:	14013	RUSH - Same Day ☐	Summary Report
Address:	Address:	Address:	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary
				RUSH - Two Day ☐	CT RCP Package
Phone No.	Phone No.	Phone No.		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
Contact Person: Erica Johnston	Attention:	Attention: Mustma Ward		RUSH - Four Day ☐	NY ASP A Package
					NY ASP B Package
					NJDEP Red. Deliv.
E-Mail Address:	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY X NJ___	Standard(5-7 Days) X	*Electronic Data Deliverables (EDD)*
					Simple Excel
					NYSDEC EQuIS
					EQuIS (std)
					EZ-EDD (EQuIS)
					NJDEP SRP HazSite EDD
					GIS/KEY (std)
					Other
					York Regulatory Comparison Excel Spreadsheet
					Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Erica Johnston

Name (printed)

Matrix Codes
- S - soil
- Other - specify(oil, etc.)
- WW - wastewater
- GW - groundwater
- DW - drinking water
- Air-A - ambient air
- Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN-	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SP-1 (2-4)	6/2/14	S	Full E	2 8oz, 1 Terra Core
SP-1 (14-16)		S		
SP-2 (0-2)		S		
SP-2 (16-18)		S		
SP-3 (0-2)		S		
SP-3 (16-18)		S		
SP-4 (0-2)		S		
SP-4 (16-18)		S		

Comments

Preservation Check those Applicable: 4°C____ Frozen____ HCl____ MeOH____ HNO_3____ H_2SO_4____ NaOH____ ZnAc____ Ascorbic Acid____ Other____ 12pH

Special Instructions

Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
	6/3/14 1300	K Barker	6/3/14
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		Grace	6-3-14 1650

Temperature on Receipt 3.6 °C

Appendix H: Laboratory Data Deliverables for Groundwater Analytical Data

Technical Report

prepared for:

Hydro Tech Environmental (Hauppauge)
77 Arkay Drive, Suite G
Hauppauge NY, 11788
Attention: Erica Johnston

Report Date: 06/11/2014
Client Project ID: 140130
York Project (SDG) No.: 14F0177

Report Date: 06/11/2014
Client Project ID: 140130
York Project (SDG) No.: 14F0177

Hydro Tech Environmental (Hauppauge)
77 Arkay Drive, Suite G
Hauppauge NY, 11788
Attention: Erica Johnston

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 05, 2014 and listed below. The project was identified as your project: **140130**.

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
14F0177-01	MW-1	Water	06/03/2014	06/05/2014

General Notes for York Project (SDG) No.: 14F0177

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:** 06/11/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14F0177-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0177	140130	Water	June 3, 2014 3:00 pm	06/05/2014

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	06/06/2014 17:03	06/07/2014 12:24	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
78-93-3	2-Butanone	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
95-49-8	2-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
106-43-4	4-Chlorotoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
67-64-1	**Acetone**	**3.5**	CCV-E, J, B	ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
71-43-2	Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
108-86-1	Bromobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
74-97-5	Bromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
75-27-4	Bromodichloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
75-25-2	Bromoform	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
74-83-9	Bromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14F0177-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0177	140130	Water	June 3, 2014 3:00 pm	06/05/2014

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
108-90-7	Chlorobenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
75-00-3	Chloroethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
67-66-3	Chloroform	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
74-87-3	Chloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
74-95-3	Dibromomethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
75-09-2	**Methylene chloride**	**2.7**	J	ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
91-20-3	Naphthalene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
104-51-8	n-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
95-47-6	o-Xylene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	5.0	10	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
100-42-5	Styrene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
98-06-6	tert-Butylbenzene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
127-18-4	Tetrachloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
108-88-3	Toluene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
79-01-6	Trichloroethylene	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
1330-20-7	Xylenes, Total	ND		ug/L	7.5	15	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS
108-05-4	Vinyl acetate	ND		ug/L	2.5	5.0	1	EPA 8260C	06/06/2014 17:03	06/07/2014 12:24	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*120 %*	*81-123*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*70-128*
2037-26-5	*Surrogate: Toluene-d8*	*93.9 %*	*88-114*

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14F0177-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0177	140130	Water	June 3, 2014 3:00 pm	06/05/2014

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	06/09/2014 07:52	06/09/2014 18:48	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
120-12-7	Anthracene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
56-55-3	**Benzo(a)anthracene**	**0.390**		ug/L	0.0513	0.0513	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
50-32-8	**Benzo(a)pyrene**	**0.626**		ug/L	0.0513	0.0513	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
205-99-2	**Benzo(b)fluoranthene**	**0.544**		ug/L	0.0513	0.0513	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
191-24-2	**Benzo(g,h,i)perylene**	**0.482**		ug/L	0.0513	0.0513	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
207-08-9	**Benzo(k)fluoranthene**	**0.472**		ug/L	0.0513	0.0513	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
218-01-9	**Chrysene**	**0.410**		ug/L	0.0513	0.0513	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
53-70-3	**Dibenzo(a,h)anthracene**	**0.174**		ug/L	0.0513	0.0513	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14F0177-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0177	140130	Water	June 3, 2014 3:00 pm	06/05/2014

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
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	0.513	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
206-44-0	**Fluoranthene**	**0.626**		ug/L	0.0513	0.0513	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
86-73-7	Fluorene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	0.0205	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	0.513	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
67-72-1	Hexachloroethane	ND		ug/L	0.513	0.513	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	0.0513	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
91-20-3	**Naphthalene**	**0.0513**	J	ug/L	0.0513	0.0513	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
100-01-6	4-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
98-95-3	Nitrobenzene	ND		ug/L	0.256	0.256	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
100-02-7	4-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	0.513	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
87-86-5	Pentachlorophenol	ND		ug/L	0.256	0.256	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
85-01-8	**Phenanthrene**	**0.421**		ug/L	0.0513	0.0513	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
129-00-0	**Pyrene**	**0.728**		ug/L	0.0513	0.0513	1	EPA 8270D	06/09/2014 07:52	06/09/2014 18:48	SR
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	06/09/2014 07:52	06/09/2014 22:26	SR

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: 2-Fluorophenol*	*20.5 %*	*10-53*
4165-62-2	*Surrogate: Phenol-d5*	*10.5 %*	*10-39*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*55.8 %*	*10-120*

Sample Information

Client Sample ID: MW-1 **York Sample ID:** 14F0177-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0177	140130	Water	June 3, 2014 3:00 pm	06/05/2014

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
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*63.6 %*			*10-108*						
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*75.7 %*			*10-150*						
1718-51-0	*Surrogate: Terphenyl-d14*	*79.6 %*			*10-143*						

Pesticides/PCBs, EPA TCL List

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
8001-35-2	Toxaphene	ND		ug/L	0.103	0.103	1	EPA 8081B/8082A	06/06/2014 07:00	06/09/2014 10:17	JW
72-43-5	Methoxychlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/06/2014 07:00	06/09/2014 10:17	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/06/2014 07:00	06/09/2014 10:17	JW
76-44-8	Heptachlor	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/06/2014 07:00	06/09/2014 10:17	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/06/2014 07:00	06/09/2014 10:17	JW
53494-70-5	Endrin ketone	ND		ug/L	0.0103	0.0103	1	EPA 8081B/8082A	06/06/2014 07:00	06/09/2014 10:17	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	0.0103	1	EPA 8081B/8082A	06/06/2014 07:00	06/09/2014 10:17	JW
72-20-8	Endrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/06/2014 07:00	06/09/2014 10:17	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/06/2014 07:00	06/09/2014 10:17	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/06/2014 07:00	06/09/2014 10:17	JW
959-98-8	Endosulfan I	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/06/2014 07:00	06/09/2014 10:17	JW
60-57-1	Dieldrin	ND		ug/L	0.00205	0.00205	1	EPA 8081B/8082A	06/06/2014 07:00	06/09/2014 10:17	JW
319-86-8	delta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/06/2014 07:00	06/09/2014 10:17	JW
57-74-9	Chlordane, total	ND		ug/L	0.0410	0.0410	1	EPA 8081B/8082A	06/06/2014 07:00	06/09/2014 10:17	JW
319-85-7	beta-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/06/2014 07:00	06/09/2014 10:17	JW
319-84-6	alpha-BHC	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/06/2014 07:00	06/09/2014 10:17	JW
309-00-2	Aldrin	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/06/2014 07:00	06/09/2014 10:17	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/06/2014 07:00	06/09/2014 10:17	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/06/2014 07:00	06/09/2014 10:17	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00410	0.00410	1	EPA 8081B/8082A	06/06/2014 07:00	06/09/2014 10:17	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0433	0.0513	1	EPA 8081B/8082A	06/06/2014 07:00	06/10/2014 15:19	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0433	0.0513	1	EPA 8081B/8082A	06/06/2014 07:00	06/10/2014 15:19	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	06/06/2014 07:00	06/10/2014 15:19	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	06/06/2014 07:00	06/10/2014 15:19	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	06/06/2014 07:00	06/10/2014 15:19	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	06/06/2014 07:00	06/10/2014 15:19	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	06/06/2014 07:00	06/10/2014 15:19	JW
1336-36-3	* Total PCBs	ND		ug/L	0.0372	0.0513	1	EPA 8081B/8082A	06/06/2014 07:00	06/10/2014 15:19	JW

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14F0177-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0177	140130	Water	June 3, 2014 3:00 pm	06/05/2014

Pesticides/PCBs, EPA TCL List

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.1 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*30.5 %*	*30-120*

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**	**3.53**		mg/L	0.010	0.010	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7440-38-2	**Arsenic**	**0.007**		mg/L	0.004	0.004	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7440-39-3	**Barium**	**0.440**		mg/L	0.010	0.010	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7440-43-9	**Cadmium**	**0.008**		mg/L	0.003	0.003	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7440-70-2	**Calcium**	**90.8**		mg/L	0.050	0.050	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7440-47-3	**Chromium**	**0.021**		mg/L	0.005	0.005	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7440-50-8	**Copper**	**0.020**		mg/L	0.003	0.003	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7439-89-6	**Iron**	**5.26**		mg/L	0.020	0.020	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7439-92-1	**Lead**	**0.192**		mg/L	0.003	0.003	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7439-95-4	**Magnesium**	**4.43**		mg/L	0.050	0.050	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7439-96-5	**Manganese**	**0.145**		mg/L	0.005	0.005	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7440-02-0	**Nickel**	**0.013**		mg/L	0.005	0.005	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7440-09-7	**Potassium**	**36.0**		mg/L	0.050	0.050	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7782-49-2	**Selenium**	**0.021**		mg/L	0.010	0.010	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7440-23-5	**Sodium**	**72.3**		mg/L	0.100	0.100	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7440-62-2	**Vanadium**	**0.023**		mg/L	0.010	0.010	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW
7440-66-6	**Zinc**	**2.43**		mg/L	0.010	0.010	1	EPA 6010C	06/06/2014 09:05	06/06/2014 12:13	MW

Metals, Target Analyte, Dissolved

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	06/06/2014 14:24	06/06/2014 19:14	MW
7440-36-0	Antimony	ND		mg/L	0.005	0.005	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	MW
7440-39-3	**Barium**	**0.024**		mg/L	0.010	0.010	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	MW

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14F0177-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0177	140130	Water	June 3, 2014 3:00 pm	06/05/2014

Metals, Target Analyte, Dissolved

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
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	MW
7440-43-9	Cadmium	ND		mg/L	0.003	0.003	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	MW
7440-70-2	**Calcium**	**55.8**		mg/L	0.050	0.050	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	MW
7440-47-3	**Chromium**	**0.007**		mg/L	0.005	0.005	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	MW
7440-48-4	Cobalt	ND		mg/L	0.005	0.005	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	MW
7440-50-8	Copper	ND		mg/L	0.003	0.003	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	MW
7439-89-6	Iron	ND		mg/L	0.020	0.020	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	MW
7439-92-1	Lead	ND		mg/L	0.003	0.003	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	MW
7439-95-4	**Magnesium**	**2.88**		mg/L	0.050	0.050	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	MW
7439-96-5	Manganese	ND		mg/L	0.005	0.005	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	MW
7440-02-0	Nickel	ND		mg/L	0.005	0.005	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	MW
7440-09-7	**Potassium**	**36.5**		mg/L	0.050	0.050	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	MW
7782-49-2	**Selenium**	**0.018**		mg/L	0.010	0.010	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	MW
7440-22-4	Silver	ND		mg/L	0.005	0.005	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	MW
7440-23-5	**Sodium**	**74.6**		mg/L	0.100	0.100	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	MW
7440-28-0	Thallium	ND		mg/L	0.005	0.005	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	MW
7440-62-2	**Vanadium**	**0.011**		mg/L	0.010	0.010	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	MW
7440-66-6	Zinc	ND		mg/L	0.010	0.010	1	EPA 6010C	06/06/2014 14:24	06/06/2014 19:14	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	06/09/2014 10:45	06/09/2014 18:03	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	06/09/2014 10:45	06/09/2014 18:03	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	06/05/2014 18:33	06/05/2014 18:40	AD

Chromium, Trivalent

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

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **14F0177-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0177	140130	Water	June 3, 2014 3:00 pm	06/05/2014

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

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**0.0210**		mg/L	0.00800	0.0100	1	Calculation	06/11/2014 15:56	06/11/2014 15:58	AA

Analytical Batch Summary

Batch ID: BF40248 **Preparation Method:** Analysis Preparation **Prepared By:** AD

YORK Sample ID	Client Sample ID	Preparation Date
14F0177-01	MW-1	06/05/14
BF40248-BLK1	Blank	06/05/14
BF40248-BS1	LCS	06/05/14
BF40248-BS2	LCS	06/05/14
BF40248-DUP1	Duplicate	06/05/14

Batch ID: BF40256 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** TFD

YORK Sample ID	Client Sample ID	Preparation Date
14F0177-01	MW-1	06/06/14
BF40256-BLK1	Blank	06/06/14
BF40256-BS1	LCS	06/06/14
BF40256-BS2	LCS	06/06/14
BF40256-BSD1	LCS Dup	06/06/14
BF40256-BSD2	LCS Dup	06/06/14

Batch ID: BF40278 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14F0177-01	MW-1	06/06/14
BF40278-BLK1	Blank	06/06/14
BF40278-SRM1	Reference	06/06/14
BF40278-SRM2	Reference	06/06/14

Batch ID: BF40304 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
14F0177-01	MW-1	06/06/14
BF40304-BLK1	Blank	06/06/14
BF40304-BS1	LCS	06/06/14
BF40304-BSD1	LCS Dup	06/06/14
BF40304-DUP1	Duplicate	06/06/14
BF40304-MS1	Matrix Spike	06/06/14

Batch ID: BF40314 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
14F0177-01	MW-1	06/06/14
BF40314-BLK1	Blank	06/06/14
BF40314-SRM1	Reference	06/06/14
BF40314-SRM2	Reference	06/06/14

Batch ID: BF40333 **Preparation Method:** EPA 3510C **Prepared By:** KAT

YORK Sample ID	Client Sample ID	Preparation Date
14F0177-01	MW-1	06/09/14
BF40333-BLK1	Blank	06/09/14
BF40333-BS1	LCS	06/09/14
BF40333-BSD1	LCS Dup	06/09/14

Batch ID: BF40355 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14F0177-01	MW-1	06/09/14
BF40355-BLK1	Blank	06/09/14
BF40355-BLK2	Blank	06/09/14
BF40355-BS1	LCS	06/09/14
BF40355-BS2	LCS	06/09/14

Batch ID: BF40543 **Preparation Method:** *** DEFAULT PREP *** **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
14F0177-01	MW-1	06/11/14

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 BF40304 - EPA 5030B											
Blank (BF40304-BLK1)											Prepared: 06/06/2014 Analyzed: 06/07/2014
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	3.4	5.0	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	5.0	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichlorobenzene	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
1,3-Dichlorobenzene	ND	5.0	"								
1,3-Dichloropropane	ND	5.0	"								
1,4-Dichlorobenzene	ND	5.0	"								
2,2-Dichloropropane	ND	5.0	"								
2-Butanone	ND	5.0	"								
2-Chlorotoluene	ND	5.0	"								
4-Chlorotoluene	ND	5.0	"								
Acetone	5.4	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	7.9	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 BF40304 - EPA 5030B											
Blank (BF40304-BLK1)								Prepared: 06/06/2014 Analyzed: 06/07/2014			
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	*48.0*		*"*	*50.0*		*96.0*	*81-123*				
Surrogate: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*70-128*				
Surrogate: Toluene-d8	*49.3*		*"*	*50.0*		*98.7*	*88-114*				
LCS (BF40304-BS1)								Prepared: 06/06/2014 Analyzed: 06/07/2014			
1,1,1,2-Tetrachloroethane	47.5		ug/L	50.0		95.1	85-118				
1,1,1-Trichloroethane	46.5		"	50.0		93.1	74-128				
1,1,2,2-Tetrachloroethane	44.7		"	50.0		89.4	71-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.6		"	50.0		101	51-157				
1,1,2-Trichloroethane	46.5		"	50.0		92.9	80-122				
1,1-Dichloroethane	47.1		"	50.0		94.2	70-131				
1,1-Dichloroethylene	48.3		"	50.0		96.6	60-143				
1,1-Dichloropropylene	45.3		"	50.0		90.5	78-122				
1,2,3-Trichlorobenzene	51.9		"	50.0		104	68-140				
1,2,3-Trichloropropane	45.7		"	50.0		91.5	77-125				
1,2,4-Trichlorobenzene	48.6		"	50.0		97.2	65-143				
1,2,4-Trimethylbenzene	41.4		"	50.0		82.9	83-121	Low Bias			
1,2-Dibromo-3-chloropropane	43.8		"	50.0		87.6	60-146				
1,2-Dibromoethane	49.2		"	50.0		98.3	82-122				
1,2-Dichlorobenzene	44.9		"	50.0		89.8	85-115				
1,2-Dichloroethane	46.7		"	50.0		93.3	72-126				
1,2-Dichloropropane	41.8		"	50.0		83.7	78-119				
1,3,5-Trimethylbenzene	40.9		"	50.0		81.8	84-118	Low Bias			
1,3-Dichlorobenzene	43.4		"	50.0		86.8	83-117				
1,3-Dichloropropane	45.3		"	50.0		90.5	79-121				
1,4-Dichlorobenzene	45.1		"	50.0		90.3	83-118				
2,2-Dichloropropane	41.3		"	50.0		82.6	60-135				
2-Butanone	55.9		"	50.0		112	48-156				
2-Chlorotoluene	40.1		"	50.0		80.2	81-118	Low Bias			
4-Chlorotoluene	40.2		"	50.0		80.4	81-117	Low Bias			
Acetone	33.6		"	50.0		67.1	21-172				
Benzene	46.9		"	50.0		93.7	82-120				
Bromobenzene	40.6		"	50.0		81.3	82-119	Low Bias			
Bromochloromethane	45.8		"	50.0		91.7	69-125				
Bromodichloromethane	44.8		"	50.0		89.7	84-117				
Bromoform	49.6		"	50.0		99.2	77-130				
Bromomethane	41.6		"	50.0		83.1	16-162				
Carbon tetrachloride	47.3		"	50.0		94.6	72-132				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40304 - EPA 5030B											
LCS (BF40304-BS1)								Prepared: 06/06/2014 Analyzed: 06/07/2014			
Chlorobenzene	45.6		ug/L	50.0		91.2	88-112				
Chloroethane	42.9		"	50.0		85.8	29-172				
Chloroform	48.6		"	50.0		97.2	77-124				
Chloromethane	41.6		"	50.0		83.2	37-131				
cis-1,2-Dichloroethylene	50.4		"	50.0		101	77-124				
cis-1,3-Dichloropropylene	43.2		"	50.0		86.3	81-117				
Dibromochloromethane	49.6		"	50.0		99.3	72-131				
Dibromomethane	45.4		"	50.0		90.9	85-116				
Dichlorodifluoromethane	41.6		"	50.0		83.2	47-152				
Ethyl Benzene	44.5		"	50.0		89.0	86-114				
Hexachlorobutadiene	45.4		"	50.0		90.9	68-139				
Isopropylbenzene	41.6		"	50.0		83.1	84-118	Low Bias			
Methyl tert-butyl ether (MTBE)	55.3		"	50.0		111	49-156				
Methylene chloride	49.8		"	50.0		99.5	51-145				
Naphthalene	53.5		"	50.0		107	67-141				
n-Butylbenzene	40.5		"	50.0		81.1	76-125				
n-Propylbenzene	40.6		"	50.0		81.2	84-118	Low Bias			
o-Xylene	45.0		"	50.0		89.9	85-114				
p- & m- Xylenes	87.7		"	100		87.7	84-117				
p-Isopropyltoluene	42.5		"	50.0		85.1	84-121				
sec-Butylbenzene	42.4		"	50.0		84.8	85-119	Low Bias			
Styrene	46.9		"	50.0		93.8	77-126				
tert-Butylbenzene	41.8		"	50.0		83.5	83-119				
Tetrachloroethylene	53.3		"	50.0		107	75-129				
Toluene	44.4		"	50.0		88.9	86-113				
trans-1,2-Dichloroethylene	53.9		"	50.0		108	55-148				
trans-1,3-Dichloropropylene	42.0		"	50.0		84.1	77-120				
Trichloroethylene	43.0		"	50.0		86.1	85-115				
Trichlorofluoromethane	47.2		"	50.0		94.5	69-131				
Vinyl Chloride	45.3		"	50.0		90.5	44-152				
Vinyl acetate	101		"	50.0		203	48-145	High Bias			
Surrogate: 1,2-Dichloroethane-d4	*47.4*		*"*	*50.0*		*94.8*	*81-123*				
Surrogate: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.4*	*70-128*				
Surrogate: Toluene-d8	*47.4*		*"*	*50.0*		*94.9*	*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 BF40304 - EPA 5030B											
LCS Dup (BF40304-BSD1)								Prepared: 06/06/2014 Analyzed: 06/07/2014			
1,1,1,2-Tetrachloroethane	51.4		ug/L	50.0		103	85-118		7.90	30	
1,1,1-Trichloroethane	51.8		"	50.0		104	74-128		10.7	30	
1,1,2,2-Tetrachloroethane	49.2		"	50.0		98.3	71-130		9.46	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54.5		"	50.0		109	51-157		7.58	30	
1,1,2-Trichloroethane	51.2		"	50.0		102	80-122		9.69	30	
1,1-Dichloroethane	51.5		"	50.0		103	70-131		8.86	30	
1,1-Dichloroethylene	52.0		"	50.0		104	60-143		7.46	30	
1,1-Dichloropropylene	50.1		"	50.0		100	78-122		10.1	30	
1,2,3-Trichlorobenzene	55.9		"	50.0		112	68-140		7.33	30	
1,2,3-Trichloropropane	50.0		"	50.0		100	77-125		8.96	30	
1,2,4-Trichlorobenzene	53.5		"	50.0		107	65-143		9.61	30	
1,2,4-Trimethylbenzene	45.0		"	50.0		90.0	83-121		8.24	30	
1,2-Dibromo-3-chloropropane	49.6		"	50.0		99.3	60-146		12.5	30	
1,2-Dibromoethane	55.2		"	50.0		110	82-122		11.6	30	
1,2-Dichlorobenzene	50.5		"	50.0		101	85-115		11.7	30	
1,2-Dichloroethane	53.1		"	50.0		106	72-126		12.9	30	
1,2-Dichloropropane	45.6		"	50.0		91.3	78-119		8.71	30	
1,3,5-Trimethylbenzene	44.3		"	50.0		88.5	84-118		7.91	30	
1,3-Dichlorobenzene	48.4		"	50.0		96.8	83-117		10.9	30	
1,3-Dichloropropane	49.9		"	50.0		99.8	79-121		9.75	30	
1,4-Dichlorobenzene	50.6		"	50.0		101	83-118		11.3	30	
2,2-Dichloropropane	45.5		"	50.0		91.1	60-135		9.74	30	
2-Butanone	60.3		"	50.0		121	48-156		7.63	30	
2-Chlorotoluene	43.4		"	50.0		86.9	81-118		7.99	30	
4-Chlorotoluene	43.6		"	50.0		87.3	81-117		8.20	30	
Acetone	43.7		"	50.0		87.4	21-172		26.2	30	
Benzene	51.8		"	50.0		104	82-120		10.0	30	
Bromobenzene	44.1		"	50.0		88.3	82-119		8.23	30	
Bromochloromethane	52.7		"	50.0		105	69-125		13.9	30	
Bromodichloromethane	48.8		"	50.0		97.6	84-117		8.44	30	
Bromoform	53.0		"	50.0		106	77-130		6.70	30	
Bromomethane	43.8		"	50.0		87.5	16-162		5.16	30	
Carbon tetrachloride	51.7		"	50.0		103	72-132		8.91	30	
Chlorobenzene	50.2		"	50.0		100	88-112		9.72	30	
Chloroethane	46.8		"	50.0		93.5	29-172		8.61	30	
Chloroform	53.8		"	50.0		108	77-124		10.3	30	
Chloromethane	45.9		"	50.0		91.8	37-131		9.74	30	
cis-1,2-Dichloroethylene	55.8		"	50.0		112	77-124		10.1	30	
cis-1,3-Dichloropropylene	46.8		"	50.0		93.5	81-117		8.03	30	
Dibromochloromethane	54.9		"	50.0		110	72-131		10.1	30	
Dibromomethane	50.6		"	50.0		101	85-116		10.7	30	
Dichlorodifluoromethane	46.9		"	50.0		93.8	47-152		12.0	30	
Ethyl Benzene	47.5		"	50.0		95.0	86-114		6.54	30	
Hexachlorobutadiene	49.0		"	50.0		98.0	68-139		7.56	30	
Isopropylbenzene	44.2		"	50.0		88.4	84-118		6.20	30	
Methyl tert-butyl ether (MTBE)	62.5		"	50.0		125	49-156		12.2	30	
Methylene chloride	53.7		"	50.0		107	51-145		7.65	30	
Naphthalene	58.0		"	50.0		116	67-141		8.07	30	
n-Butylbenzene	43.8		"	50.0		87.6	76-125		7.76	30	
n-Propylbenzene	43.2		"	50.0		86.4	84-118		6.20	30	
o-Xylene	48.4		"	50.0		96.9	85-114		7.43	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40304 - EPA 5030B											
LCS Dup (BF40304-BSD1)								Prepared: 06/06/2014 Analyzed: 06/07/2014			
p- & m- Xylenes	94.8		ug/L	100		94.8	84-117		7.80	30	
p-Isopropyltoluene	46.1		"	50.0		92.2	84-121		8.06	30	
sec-Butylbenzene	45.3		"	50.0		90.6	85-119		6.64	30	
Styrene	51.6		"	50.0		103	77-126		9.50	30	
tert-Butylbenzene	45.5		"	50.0		91.0	83-119		8.53	30	
Tetrachloroethylene	52.6		"	50.0		105	75-129		1.36	30	
Toluene	47.6		"	50.0		95.1	86-113		6.78	30	
trans-1,2-Dichloroethylene	55.5		"	50.0		111	55-148		2.91	30	
trans-1,3-Dichloropropylene	45.9		"	50.0		91.8	77-120		8.85	30	
Trichloroethylene	47.0		"	50.0		94.0	85-115		8.86	30	
Trichlorofluoromethane	52.8		"	50.0		106	69-131		11.0	30	
Vinyl Chloride	47.9		"	50.0		95.8	44-152		5.63	30	
Vinyl acetate	118		"	50.0		235	48-145	High Bias	15.0	30	
Surrogate: 1,2-Dichloroethane-d4	*50.1*		*"*	*50.0*		*100*	*81-123*				
Surrogate: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.2*	*70-128*				
Surrogate: Toluene-d8	*48.0*		*"*	*50.0*		*96.0*	*88-114*				
Duplicate (BF40304-DUP1)	*Source sample: 14F0177-01 (MW-1)							Prepared: 06/06/2014 Analyzed: 06/07/2014			
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L		ND					200	
1,1,1-Trichloroethane	ND	5.0	"		ND					200	
1,1,2,2-Tetrachloroethane	ND	5.0	"		ND					200	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	5.0	"		ND					200	
1,1,2-Trichloroethane	ND	5.0	"		ND					200	
1,1-Dichloroethane	ND	5.0	"		ND					200	
1,1-Dichloroethylene	ND	5.0	"		ND					200	
1,1-Dichloropropylene	ND	5.0	"		ND					200	
1,2,3-Trichlorobenzene	ND	5.0	"		ND					200	
1,2,3-Trichloropropane	ND	5.0	"		ND					200	
1,2,4-Trichlorobenzene	ND	5.0	"		ND					200	
1,2,4-Trimethylbenzene	ND	5.0	"		ND					200	
1,2-Dibromo-3-chloropropane	ND	5.0	"		ND					200	
1,2-Dibromoethane	ND	5.0	"		ND					200	
1,2-Dichlorobenzene	ND	5.0	"		ND					200	
1,2-Dichloroethane	ND	5.0	"		ND					200	
1,2-Dichloropropane	ND	5.0	"		ND					200	
1,3,5-Trimethylbenzene	ND	5.0	"		ND					200	
1,3-Dichlorobenzene	ND	5.0	"		ND					200	
1,3-Dichloropropane	ND	5.0	"		ND					200	
1,4-Dichlorobenzene	ND	5.0	"		ND					200	
2,2-Dichloropropane	ND	5.0	"		ND					200	
2-Butanone	ND	5.0	"		ND					200	
2-Chlorotoluene	ND	5.0	"		ND					200	
4-Chlorotoluene	ND	5.0	"		ND					200	
Acetone	ND	5.0	"		3.5					200	
Benzene	ND	5.0	"		ND					200	
Bromobenzene	ND	5.0	"		ND					200	
Bromochloromethane	ND	5.0	"		ND					200	
Bromodichloromethane	ND	5.0	"		ND					200	
Bromoform	ND	5.0	"		ND					200	
Bromomethane	ND	5.0	"		ND					200	
Carbon tetrachloride	ND	5.0	"		ND					200	
Chlorobenzene	ND	5.0	"		ND					200	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40304 - EPA 5030B											
Duplicate (BF40304-DUP1)	*Source sample: 14F0177-01 (MW-1)								Prepared: 06/06/2014 Analyzed: 06/07/2014		
Chloroethane	ND	5.0	ug/L		ND					200	
Chloroform	ND	5.0	"		ND					200	
Chloromethane	ND	5.0	"		ND					200	
cis-1,2-Dichloroethylene	ND	5.0	"		ND					200	
cis-1,3-Dichloropropylene	ND	5.0	"		ND					200	
Dibromochloromethane	ND	5.0	"		ND					200	
Dibromomethane	ND	5.0	"		ND					200	
Dichlorodifluoromethane	ND	5.0	"		ND					200	
Ethyl Benzene	ND	5.0	"		ND					200	
Hexachlorobutadiene	ND	5.0	"		ND					200	
Isopropylbenzene	ND	5.0	"		ND					200	
Methyl tert-butyl ether (MTBE)	ND	5.0	"		ND					200	
Methylene chloride	ND	5.0	"		2.7					200	
Naphthalene	8.4	5.0	"		ND					200	
n-Butylbenzene	ND	5.0	"		ND					200	
n-Propylbenzene	ND	5.0	"		ND					200	
o-Xylene	ND	5.0	"		ND					200	
p- & m- Xylenes	ND	10	"		ND					200	
p-Isopropyltoluene	ND	5.0	"		ND					200	
sec-Butylbenzene	ND	5.0	"		ND					200	
Styrene	ND	5.0	"		ND					200	
tert-Butylbenzene	ND	5.0	"		ND					200	
Tetrachloroethylene	ND	5.0	"		ND					200	
Toluene	ND	5.0	"		ND					200	
trans-1,2-Dichloroethylene	ND	5.0	"		ND					200	
trans-1,3-Dichloropropylene	ND	5.0	"		ND					200	
Trichloroethylene	ND	5.0	"		ND					200	
Trichlorofluoromethane	ND	5.0	"		ND					200	
Vinyl Chloride	ND	5.0	"		ND					200	
Xylenes, Total	ND	15	"		ND					200	
Vinyl acetate	ND	5.0	"		ND					200	
Surrogate: 1,2-Dichloroethane-d4	*59.1*		*"*	*50.0*		*118*	*81-123*				
Surrogate: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.0*	*70-128*				
Surrogate: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*88-114*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BF40304 - EPA 5030B

Matrix Spike (BF40304-MS1) *Source sample: 14F0177-01 (MW-1) Prepared: 06/06/2014 Analyzed: 06/07/2014

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	54.1		ug/L	50.0	ND	108	81-121				
1,1,1-Trichloroethane	57.9		"	50.0	ND	116	71-121				
1,1,2,2-Tetrachloroethane	38.1		"	50.0	ND	76.2	66-138				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	64.9		"	50.0	ND	130	29-167				
1,1,2-Trichloroethane	46.9		"	50.0	ND	93.8	74-130				
1,1-Dichloroethane	48.1		"	50.0	ND	96.3	66-128				
1,1-Dichloroethylene	65.1		"	50.0	ND	130	32-164				
1,1-Dichloropropylene	48.5		"	50.0	ND	96.9	69-121				
1,2,3-Trichlorobenzene	42.9		"	50.0	ND	85.7	58-137				
1,2,3-Trichloropropane	46.3		"	50.0	ND	92.6	69-129				
1,2,4-Trichlorobenzene	40.8		"	50.0	ND	81.7	52-138				
1,2,4-Trimethylbenzene	39.6		"	50.0	ND	79.1	63-131				
1,2-Dibromo-3-chloropropane	50.2		"	50.0	ND	100	47-152				
1,2-Dibromoethane	52.0		"	50.0	ND	104	80-123				
1,2-Dichlorobenzene	43.6		"	50.0	ND	87.1	76-120				
1,2-Dichloroethane	57.9		"	50.0	ND	116	67-124				
1,2-Dichloropropane	40.5		"	50.0	ND	80.9	72-127				
1,3,5-Trimethylbenzene	41.4		"	50.0	ND	82.8	74-123				
1,3-Dichlorobenzene	39.4		"	50.0	ND	78.9	74-119				
1,3-Dichloropropane	45.4		"	50.0	ND	90.7	73-128				
1,4-Dichlorobenzene	42.0		"	50.0	ND	83.9	71-122				
2,2-Dichloropropane	49.0		"	50.0	ND	98.0	54-119				
2-Butanone	48.1		"	50.0	ND	96.2	53-133				
2-Chlorotoluene	38.3		"	50.0	ND	76.7	65-134				
4-Chlorotoluene	39.7		"	50.0	ND	79.4	71-120				
Acetone	47.2		"	50.0	3.47	87.5	27-123				
Benzene	45.3		"	50.0	ND	90.6	68-124				
Bromobenzene	38.0		"	50.0	ND	75.9	67-132				
Bromochloromethane	45.6		"	50.0	ND	91.3	60-130				
Bromodichloromethane	51.1		"	50.0	ND	102	78-123				
Bromoform	47.6		"	50.0	ND	95.2	75-127				
Bromomethane	58.8		"	50.0	ND	118	17-133				
Carbon tetrachloride	60.6		"	50.0	ND	121	73-119	High Bias			
Chlorobenzene	47.3		"	50.0	ND	94.5	83-115				
Chloroethane	60.8		"	50.0	ND	122	45-134				
Chloroform	54.7		"	50.0	ND	109	74-121				
Chloromethane	47.8		"	50.0	ND	95.6	22-149				
cis-1,2-Dichloroethylene	50.7		"	50.0	ND	101	72-121				
cis-1,3-Dichloropropylene	42.7		"	50.0	ND	85.4	67-123				
Dibromochloromethane	56.2		"	50.0	ND	112	84-120				
Dibromomethane	48.7		"	50.0	ND	97.4	80-118				
Dichlorodifluoromethane	42.5		"	50.0	ND	85.0	38-142				
Ethyl Benzene	47.4		"	50.0	ND	94.8	76-119				
Hexachlorobutadiene	42.6		"	50.0	ND	85.2	67-131				
Isopropylbenzene	40.6		"	50.0	ND	81.2	74-125				
Methyl tert-butyl ether (MTBE)	64.2		"	50.0	ND	128	51-138				
Methylene chloride	62.7		"	50.0	2.66	120	46-132				
Naphthalene	43.9		"	50.0	ND	87.7	46-141				
n-Butylbenzene	40.4		"	50.0	ND	80.8	62-133				
n-Propylbenzene	37.8		"	50.0	ND	75.7	62-131				
o-Xylene	49.4		"	50.0	ND	98.8	71-123				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40304 - EPA 5030B											
Matrix Spike (BF40304-MS1)	*Source sample: 14F0177-01 (MW-1)						Prepared: 06/06/2014 Analyzed: 06/07/2014				
p- & m- Xylenes	96.7		ug/L	100	ND	96.7	74-120				
p-Isopropyltoluene	41.0		"	50.0	ND	81.9	74-125				
sec-Butylbenzene	40.0		"	50.0	ND	80.1	77-123				
Styrene	47.4		"	50.0	ND	94.8	72-121				
tert-Butylbenzene	42.0		"	50.0	ND	83.9	76-124				
Tetrachloroethylene	48.9		"	50.0	ND	97.7	67-120				
Toluene	44.6		"	50.0	ND	89.1	80-119				
trans-1,2-Dichloroethylene	64.8		"	50.0	ND	130	53-137				
trans-1,3-Dichloropropylene	43.8		"	50.0	ND	87.6	65-124				
Trichloroethylene	45.5		"	50.0	ND	91.0	81-116				
Trichlorofluoromethane	65.2		"	50.0	ND	130	53-132				
Vinyl Chloride	51.4		"	50.0	ND	103	38-135				
Vinyl acetate	30.5		"	50.0	ND	61.0	23-135				
Surrogate: 1,2-Dichloroethane-d4	*59.8*		*"*	*50.0*		*120*	*81-123*				
Surrogate: p-Bromofluorobenzene	*45.1*		*"*	*50.0*		*90.2*	*70-128*				
Surrogate: Toluene-d8	*47.8*		*"*	*50.0*		*95.6*	*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 BF40333 - EPA 3510C											
Blank (BF40333-BLK1)								Prepared & Analyzed: 06/09/2014			
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	13.3	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 BF40333 - EPA 3510C											
Blank (BF40333-BLK1)							Prepared & Analyzed: 06/09/2014				
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	*18.5*		*"*	*75.0*		*24.7*	*10-53*				
Surrogate: Phenol-d5	*14.3*		*"*	*75.1*		*19.0*	*10-39*				
Surrogate: Nitrobenzene-d5	*37.5*		*"*	*50.2*		*74.7*	*10-120*				
Surrogate: 2-Fluorobiphenyl	*33.2*		*"*	*50.0*		*66.5*	*10-108*				
Surrogate: 2,4,6-Tribromophenol	*56.0*		*"*	*75.0*		*74.7*	*10-150*				
Surrogate: Terphenyl-d14	*41.2*		*"*	*50.2*		*82.2*	*10-143*				
LCS (BF40333-BS1)							Prepared & Analyzed: 06/09/2014				
Acenaphthene	48.2	0.0500	ug/L	50.0		96.4	24-114				
Acenaphthylene	47.5	0.0500	"	50.0		95.0	26-112				
Aniline	43.8	5.00	"	50.0		87.7	10-107				
Anthracene	49.1	0.0500	"	50.0		98.2	35-114				
Benzo(a)anthracene	54.0	0.0500	"	50.0		108	38-127				
Benzo(a)pyrene	57.8	0.0500	"	50.0		116	30-146				
Benzo(b)fluoranthene	61.7	0.0500	"	50.0		123	36-145				
Benzo(g,h,i)perylene	50.6	0.0500	"	50.0		101	10-163				
Benzo(k)fluoranthene	41.1	0.0500	"	50.0		82.2	16-149				
Benzyl alcohol	32.7	5.00	"	50.0		65.4	18-75				
Benzyl butyl phthalate	46.7	5.00	"	50.0		93.4	28-129				
4-Bromophenyl phenyl ether	50.1	5.00	"	50.0		100	38-116				
4-Chloro-3-methylphenol	44.3	5.00	"	50.0		88.5	28-101				
4-Chloroaniline	57.5	5.00	"	50.0		115	10-154				
Bis(2-chloroethoxy)methane	48.8	5.00	"	50.0		97.6	27-112				
Bis(2-chloroethyl)ether	43.8	5.00	"	50.0		87.7	24-114				
Bis(2-chloroisopropyl)ether	47.8	5.00	"	50.0		95.7	21-124				
2-Chloronaphthalene	46.7	5.00	"	50.0		93.4	40-96				
2-Chlorophenol	37.8	5.00	"	50.0		75.6	35-84				
4-Chlorophenyl phenyl ether	50.5	5.00	"	50.0		101	34-112				
Chrysene	49.7	0.0500	"	50.0		99.3	33-120				
Dibenzo(a,h)anthracene	50.9	0.0500	"	50.0		102	10-149				
Dibenzofuran	50.0	5.00	"	50.0		100	42-105				
Di-n-butyl phthalate	47.5	5.00	"	50.0		95.0	36-110				
1,4-Dichlorobenzene	37.2	5.00	"	50.0		74.5	42-82				
1,3-Dichlorobenzene	39.5	5.00	"	50.0		79.0	45-80				
1,2-Dichlorobenzene	39.3	5.00	"	50.0		78.6	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 BF40333 - EPA 3510C											
LCS (BF40333-BS1)							Prepared & Analyzed: 06/09/2014				
3,3'-Dichlorobenzidine	77.0	5.00	ug/L	50.0		154	25-155				
2,4-Dichlorophenol	43.0	5.00	"	50.0		86.1	43-92				
Diethyl phthalate	47.9	5.00	"	50.0		95.8	38-112				
2,4-Dimethylphenol	41.8	5.00	"	50.0		83.5	25-92				
Dimethyl phthalate	58.1	5.00	"	50.0		116	49-106	High Bias			
4,6-Dinitro-2-methylphenol	55.2	5.00	"	50.0		110	10-135				
2,4-Dinitrophenol	41.8	5.00	"	50.0		83.5	10-149				
2,4-Dinitrotoluene	52.5	5.00	"	50.0		105	41-114				
2,6-Dinitrotoluene	50.8	5.00	"	50.0		102	49-106				
Di-n-octyl phthalate	49.1	5.00	"	50.0		98.1	12-149				
Bis(2-ethylhexyl)phthalate	82.7	0.500	"	50.0		165	10-171				
Fluoranthene	30.2	0.0500	"	50.0		60.5	33-126				
Fluorene	48.8	0.0500	"	50.0		97.7	28-117				
Hexachlorobenzene	45.2	0.0200	"	50.0		90.3	27-120				
Hexachlorobutadiene	37.8	0.500	"	50.0		75.6	25-106				
Hexachlorocyclopentadiene	38.5	5.00	"	50.0		77.1	10-99				
Hexachloroethane	36.5	0.500	"	50.0		73.0	33-84				
Indeno(1,2,3-cd)pyrene	52.7	0.0500	"	50.0		105	10-150				
Isophorone	51.2	5.00	"	50.0		102	29-115				
2-Methylnaphthalene	40.0	5.00	"	50.0		79.9	33-101				
2-Methylphenol	33.5	5.00	"	50.0		66.9	10-90				
3- & 4-Methylphenols	27.5	5.00	"	50.0		54.9	10-101				
Naphthalene	45.3	0.0500	"	50.0		90.6	30-99				
4-Nitroaniline	44.8	5.00	"	50.0		89.6	15-143				
3-Nitroaniline	50.3	5.00	"	50.0		101	29-128				
2-Nitroaniline	51.3	5.00	"	50.0		103	31-122				
Nitrobenzene	47.6	0.250	"	50.0		95.2	32-113				
4-Nitrophenol	ND	5.00	"	50.0			10-112	Low Bias			
2-Nitrophenol	45.2	5.00	"	50.0		90.4	37-97				
N-nitroso-di-n-propylamine	52.1	5.00	"	50.0		104	36-118				
N-Nitrosodimethylamine	22.0	0.500	"	50.0		44.0	10-63				
N-Nitrosodiphenylamine	63.0	5.00	"	50.0		126	27-145				
Pentachlorophenol	47.4	0.250	"	50.0		94.9	19-127				
Phenanthrene	48.8	0.0500	"	50.0		97.6	31-112				
Phenol	14.7	5.00	"	50.0		29.4	10-37				
Pyrene	51.8	0.0500	"	50.0		104	42-125				
Pyridine	10.9	5.00	"	50.0		21.8	10-46				
1,2,4-Trichlorobenzene	40.2	5.00	"	50.0		80.5	35-91				
2,4,5-Trichlorophenol	48.8	5.00	"	50.0		97.7	36-112				
2,4,6-Trichlorophenol	51.6	5.00	"	50.0		103	41-107				
Surrogate: 2-Fluorophenol	*34.3*		*"*	*75.0*		*45.8*	*10-53*				
Surrogate: Phenol-d5	*22.4*		*"*	*75.1*		*29.8*	*10-39*				
Surrogate: Nitrobenzene-d5	*49.7*		*"*	*50.2*		*98.9*	*10-120*				
Surrogate: 2-Fluorobiphenyl	*46.2*		*"*	*50.0*		*92.4*	*10-108*				
Surrogate: 2,4,6-Tribromophenol	*83.7*		*"*	*75.0*		*112*	*10-150*				
Surrogate: Terphenyl-d14	*53.4*		*"*	*50.2*		*106*	*10-143*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40333 - EPA 3510C											
LCS Dup (BF40333-BSD1)								Prepared & Analyzed: 06/09/2014			
Acenaphthene	43.6	0.0500	ug/L	50.0		87.3	24-114		9.91	20	
Acenaphthylene	43.1	0.0500	"	50.0		86.2	26-112		9.62	20	
Aniline	39.7	5.00	"	50.0		79.4	10-107		9.84	20	
Anthracene	44.7	0.0500	"	50.0		89.3	35-114		9.49	20	
Benzo(a)anthracene	48.6	0.0500	"	50.0		97.2	38-127		10.4	20	
Benzo(a)pyrene	53.6	0.0500	"	50.0		107	30-146		7.68	20	
Benzo(b)fluoranthene	55.0	0.0500	"	50.0		110	36-145		11.4	20	
Benzo(g,h,i)perylene	44.8	0.0500	"	50.0		89.6	10-163		12.2	20	
Benzo(k)fluoranthene	39.9	0.0500	"	50.0		79.8	16-149		3.06	20	
Benzyl alcohol	29.6	5.00	"	50.0		59.2	18-75		9.98	20	
Benzyl butyl phthalate	41.6	5.00	"	50.0		83.1	28-129		11.6	20	
4-Bromophenyl phenyl ether	45.2	5.00	"	50.0		90.4	38-116		10.3	20	
4-Chloro-3-methylphenol	39.1	5.00	"	50.0		78.3	28-101		12.3	20	
4-Chloroaniline	50.2	5.00	"	50.0		100	10-154		13.7	20	
Bis(2-chloroethoxy)methane	44.3	5.00	"	50.0		88.7	27-112		9.62	20	
Bis(2-chloroethyl)ether	39.7	5.00	"	50.0		79.4	24-114		9.84	20	
Bis(2-chloroisopropyl)ether	43.2	5.00	"	50.0		86.4	21-124		10.1	20	
2-Chloronaphthalene	42.4	5.00	"	50.0		84.9	40-96		9.52	20	
2-Chlorophenol	33.8	5.00	"	50.0		67.5	35-84		11.3	20	
4-Chlorophenyl phenyl ether	45.6	5.00	"	50.0		91.2	34-112		10.2	20	
Chrysene	45.3	0.0500	"	50.0		90.6	33-120		9.16	20	
Dibenzo(a,h)anthracene	45.5	0.0500	"	50.0		91.0	10-149		11.2	20	
Dibenzofuran	45.0	5.00	"	50.0		89.9	42-105		10.7	20	
Di-n-butyl phthalate	43.0	5.00	"	50.0		85.9	36-110		10.1	20	
1,4-Dichlorobenzene	33.6	5.00	"	50.0		67.2	42-82		10.3	20	
1,3-Dichlorobenzene	35.2	5.00	"	50.0		70.3	45-80		11.7	20	
1,2-Dichlorobenzene	35.4	5.00	"	50.0		70.8	42-85		10.5	20	
3,3'-Dichlorobenzidine	68.6	5.00	"	50.0		137	25-155		11.6	20	
2,4-Dichlorophenol	38.6	5.00	"	50.0		77.2	43-92		10.9	20	
Diethyl phthalate	43.9	5.00	"	50.0		87.8	38-112		8.67	20	
2,4-Dimethylphenol	37.9	5.00	"	50.0		75.8	25-92		9.77	20	
Dimethyl phthalate	46.7	5.00	"	50.0		93.4	49-106		21.7	20	Non-dir.
4,6-Dinitro-2-methylphenol	51.0	5.00	"	50.0		102	10-135		8.04	20	
2,4-Dinitrophenol	40.0	5.00	"	50.0		80.0	10-149		4.31	20	
2,4-Dinitrotoluene	47.4	5.00	"	50.0		94.8	41-114		10.3	20	
2,6-Dinitrotoluene	45.8	5.00	"	50.0		91.7	49-106		10.2	20	
Di-n-octyl phthalate	45.2	5.00	"	50.0		90.4	12-149		8.21	20	
Bis(2-ethylhexyl)phthalate	108	0.500	"	50.0		217	10-171	High Bias	26.8	20	Non-dir.
Fluoranthene	45.5	0.0500	"	50.0		91.0	33-126		40.2	20	Non-dir.
Fluorene	43.9	0.0500	"	50.0		87.8	28-117		10.6	20	
Hexachlorobenzene	40.3	0.0200	"	50.0		80.7	27-120		11.3	20	
Hexachlorobutadiene	33.5	0.500	"	50.0		67.0	25-106		12.1	20	
Hexachlorocyclopentadiene	34.4	5.00	"	50.0		68.8	10-99		11.4	20	
Hexachloroethane	33.5	0.500	"	50.0		67.1	33-84		8.40	20	
Indeno(1,2,3-cd)pyrene	46.7	0.0500	"	50.0		93.3	10-150		12.1	20	
Isophorone	46.4	5.00	"	50.0		92.9	29-115		9.79	20	
2-Methylnaphthalene	36.2	5.00	"	50.0		72.3	33-101		10.0	20	
2-Methylphenol	30.3	5.00	"	50.0		60.6	10-90		9.88	20	
3- & 4-Methylphenols	25.2	5.00	"	50.0		50.4	10-101		8.66	20	
Naphthalene	40.6	0.0500	"	50.0		81.1	30-99		11.1	20	
4-Nitroaniline	40.5	5.00	"	50.0		81.0	15-143		10.2	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 BF40333 - EPA 3510C											
LCS Dup (BF40333-BSD1)							Prepared & Analyzed: 06/09/2014				
3-Nitroaniline	44.6	5.00	ug/L	50.0		89.2	29-128		11.9	20	
2-Nitroaniline	46.3	5.00	"	50.0		92.7	31-122		10.1	20	
Nitrobenzene	43.3	0.250	"	50.0		86.6	32-113		9.44	20	
4-Nitrophenol	ND	5.00	"	50.0			10-112	Low Bias		20	
2-Nitrophenol	40.4	5.00	"	50.0		80.7	37-97		11.3	20	
N-nitroso-di-n-propylamine	46.8	5.00	"	50.0		93.7	36-118		10.6	20	
N-Nitrosodimethylamine	21.0	0.500	"	50.0		42.0	10-63		4.60	20	
N-Nitrosodiphenylamine	53.9	5.00	"	50.0		108	27-145		15.4	20	
Pentachlorophenol	43.4	0.250	"	50.0		86.8	19-127		8.87	20	
Phenanthrene	44.2	0.0500	"	50.0		88.4	31-112		9.87	20	
Phenol	13.4	5.00	"	50.0		26.8	10-37		9.10	20	
Pyrene	46.4	0.0500	"	50.0		92.7	42-125		11.2	20	
Pyridine	7.22	5.00	"	50.0		14.4	10-46		40.8	20	Non-dir.
1,2,4-Trichlorobenzene	36.6	5.00	"	50.0		73.1	35-91		9.61	20	
2,4,5-Trichlorophenol	44.9	5.00	"	50.0		89.8	36-112		8.45	20	
2,4,6-Trichlorophenol	47.3	5.00	"	50.0		94.6	41-107		8.62	20	
Surrogate: 2-Fluorophenol	*26.9*		*"*	*75.0*		*35.8*	*10-53*				
Surrogate: Phenol-d5	*19.6*		*"*	*75.1*		*26.1*	*10-39*				
Surrogate: Nitrobenzene-d5	*44.5*		*"*	*50.2*		*88.6*	*10-120*				
Surrogate: 2-Fluorobiphenyl	*41.4*		*"*	*50.0*		*82.8*	*10-108*				
Surrogate: 2,4,6-Tribromophenol	*72.3*		*"*	*75.0*		*96.4*	*10-150*				
Surrogate: Terphenyl-d14	*46.3*		*"*	*50.2*		*92.3*	*10-143*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40256 - EPA SW846-3510C Low Level											
Blank (BF40256-BLK1)								Prepared & Analyzed: 06/06/2014			
Toxaphene	ND	0.100	ug/L								
Methoxychlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Heptachlor	ND	0.00400	"								
gamma-BHC (Lindane)	ND	0.00400	"								
Endrin ketone	ND	0.0100	"								
Endrin aldehyde	ND	0.0100	"								
Endrin	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan I	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
delta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0400	"								
beta-BHC	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
Aldrin	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
4,4'-DDE	ND	0.00400	"								
4,4'-DDD	ND	0.00400	"								
Aroclor 1260	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1221	ND	0.0500	"								
Aroclor 1016	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.0988*		*"*	*0.203*		*48.7*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.116*		*"*	*0.215*		*53.9*	*30-120*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40256 - EPA SW846-3510C Low Level											
LCS (BF40256-BS1)							Prepared & Analyzed: 06/06/2014				
Methoxychlor	0.0636	0.00400	ug/L	0.100		63.6	40-120				
Heptachlor epoxide	0.0585	0.00400	"	0.100		58.5	40-120				
Heptachlor	0.0640	0.00400	"	0.100		64.0	40-120				
gamma-BHC (Lindane)	0.0637	0.00400	"	0.100		63.7	40-120				
Endrin ketone	0.0641	0.0100	"	0.100		64.1	40-120				
Endrin aldehyde	0.0588	0.0100	"	0.100		58.8	40-120				
Endrin	0.0661	0.00400	"	0.100		66.1	40-120				
Endosulfan sulfate	0.0583	0.00400	"	0.100		58.3	40-120				
Endosulfan II	0.0642	0.00400	"	0.100		64.2	40-120				
Endosulfan I	0.0635	0.00400	"	0.100		63.5	40-120				
Dieldrin	0.0582	0.00200	"	0.100		58.2	40-120				
delta-BHC	0.0482	0.00400	"	0.100		48.2	40-120				
beta-BHC	0.0611	0.00400	"	0.100		61.1	40-120				
alpha-BHC	0.0649	0.00400	"	0.100		64.9	40-120				
Aldrin	0.0546	0.00400	"	0.100		54.6	40-120				
4,4'-DDT	0.0630	0.00400	"	0.100		63.0	40-120				
4,4'-DDE	0.0516	0.00400	"	0.100		51.6	40-120				
4,4'-DDD	0.0569	0.00400	"	0.100		56.9	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0711*		*"*	*0.203*		*35.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.105*		*"*	*0.215*		*49.0*	*30-120*				
LCS (BF40256-BS2)							Prepared & Analyzed: 06/06/2014				
Aroclor 1260	1.11	0.0500	ug/L	1.00		111	40-120				
Aroclor 1016	0.967	0.0500	"	1.00		96.7	40-120				
Surrogate: Tetrachloro-m-xylene	*0.104*		*"*	*0.203*		*51.2*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.128*		*"*	*0.215*		*59.5*	*30-120*				
LCS Dup (BF40256-BSD1)							Prepared & Analyzed: 06/06/2014				
Methoxychlor	0.0705	0.00400	ug/L	0.100		70.5	40-120		10.2	30	
Heptachlor epoxide	0.0687	0.00400	"	0.100		68.7	40-120		16.0	30	
Heptachlor	0.0780	0.00400	"	0.100		78.0	40-120		19.8	30	
gamma-BHC (Lindane)	0.0675	0.00400	"	0.100		67.5	40-120		5.83	30	
Endrin ketone	0.0716	0.0100	"	0.100		71.6	40-120		11.2	30	
Endrin aldehyde	0.0654	0.0100	"	0.100		65.4	40-120		10.7	30	
Endrin	0.0771	0.00400	"	0.100		77.1	40-120		15.4	30	
Endosulfan sulfate	0.0653	0.00400	"	0.100		65.3	40-120		11.3	30	
Endosulfan II	0.0738	0.00400	"	0.100		73.8	40-120		13.9	30	
Endosulfan I	0.0711	0.00400	"	0.100		71.1	40-120		11.3	30	
Dieldrin	0.0644	0.00200	"	0.100		64.4	40-120		10.2	30	
delta-BHC	0.0582	0.00400	"	0.100		58.2	40-120		18.7	30	
beta-BHC	0.0698	0.00400	"	0.100		69.8	40-120		13.4	30	
alpha-BHC	0.0742	0.00400	"	0.100		74.2	40-120		13.3	30	
Aldrin	0.0618	0.00400	"	0.100		61.8	40-120		12.4	30	
4,4'-DDT	0.0733	0.00400	"	0.100		73.3	40-120		15.1	30	
4,4'-DDE	0.0686	0.00400	"	0.100		68.6	40-120		28.3	30	
4,4'-DDD	0.0724	0.00400	"	0.100		72.4	40-120		23.8	30	
Surrogate: Tetrachloro-m-xylene	*0.0833*		*"*	*0.203*		*41.1*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.112*		*"*	*0.215*		*52.2*	*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 BF40256 - EPA SW846-3510C Low Level											
LCS Dup (BF40256-BSD2)							Prepared & Analyzed: 06/06/2014				
Aroclor 1260	1.08	0.0500	ug/L	1.00		108	40-120		2.57	30	
Aroclor 1016	0.938	0.0500	"	1.00		93.8	40-120		3.09	30	
Surrogate: Tetrachloro-m-xylene	*0.0960*		*"*	*0.203*		*47.3*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.122*		*"*	*0.215*		*56.7*	*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 BF40278 - EPA 3010A											
Blank (BF40278-BLK1)								Prepared & Analyzed: 06/06/2014			
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 (BF40278-SRM1)								Prepared & Analyzed: 06/06/2014			
Aluminum	2.99	0.010	mg/L	3.16		94.6	82.9-116				
Antimony	0.658	0.005	"	0.687		95.8	70.6-120				
Arsenic	0.223	0.004	"	0.243		91.8	82.7-118				
Barium	2.08	0.010	"	1.99		104	86.9-113				
Beryllium	0.458	0.001	"	0.487		94.0	85-113				
Cadmium	0.192	0.003	"	0.198		97.1	84.8-114				
Chromium	0.766	0.005	"	0.780		98.3	87.2-113				
Cobalt	0.209	0.005	"	0.198		106	87.4-113				
Copper	0.170	0.003	"	0.170		100	89.4-111				
Iron	0.333	0.020	"	0.322		103	87.3-115				
Lead	0.211	0.003	"	0.213		99.3	85-115				
Manganese	1.68	0.005	"	1.64		102	89.6-111				
Nickel	1.55	0.005	"	1.58		97.8	89.9-111				
Selenium	1.20	0.010	"	1.28		93.8	79.6-116				
Silver	0.449	0.005	"	0.477		94.1	85.7-114				
Thallium	0.417	0.005	"	0.409		102	79-121				
Vanadium	0.477	0.010	"	0.502		95.0	87.5-112				
Zinc	1.37	0.010	"	1.40		97.5	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 BF40278 - EPA 3010A											
Reference (BF40278-SRM2)								Prepared & Analyzed: 06/06/2014			
Calcium	63.2	0.050	mg/L	62.7		101	86-114				
Magnesium	28.6	0.050	"	29.0		98.5	86.2-114				
Potassium	33.2	0.050	"	32.4		103	85.2-115				
Sodium	84.1	0.100	"	85.1		98.8	85-115				
Batch BF40314 - EPA 3010A											
Blank (BF40314-BLK1)								Prepared & Analyzed: 06/06/2014			
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	"								

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 BF40314 - EPA 3010A											
Reference (BF40314-SRM1)							Prepared & Analyzed: 06/06/2014				
Aluminum - Dissolved	2.95	0.010	mg/L	3.16		93.5	82.9-116				
Antimony - Dissolved	0.629	0.005	"	0.687		91.6	70.6-120				
Arsenic - Dissolved	0.217	0.004	"	0.243		89.1	82.7-118				
Barium - Dissolved	2.07	0.010	"	1.99		104	86.9-113				
Beryllium - Dissolved	0.453	0.001	"	0.487		93.1	85-113				
Cadmium - Dissolved	0.190	0.003	"	0.198		96.2	84.8-114				
Chromium - Dissolved	0.760	0.005	"	0.780		97.4	87.2-113				
Cobalt - Dissolved	0.208	0.005	"	0.198		105	87.4-113				
Copper - Dissolved	0.166	0.003	"	0.170		97.7	89.4-111				
Iron - Dissolved	0.331	0.020	"	0.322		103	87.3-115				
Lead - Dissolved	0.209	0.003	"	0.213		98.0	85-115				
Manganese - Dissolved	1.67	0.005	"	1.64		102	89.6-111				
Nickel - Dissolved	1.55	0.005	"	1.58		97.9	89.9-111				
Selenium - Dissolved	1.16	0.010	"	1.28		90.5	79.6-116				
Silver - Dissolved	0.442	0.005	"	0.477		92.7	85.7-114				
Thallium - Dissolved	0.415	0.005	"	0.409		102	79-121				
Vanadium - Dissolved	0.469	0.010	"	0.502		93.5	87.5-112				
Zinc - Dissolved	1.35	0.010	"	1.40		96.4	85.7-114				
Reference (BF40314-SRM2)							Prepared & Analyzed: 06/06/2014				
Calcium - Dissolved	63.1	0.050	mg/L	62.7		101	86-114				
Magnesium - Dissolved	28.8	0.050	"	29.0		99.2	86.2-114				
Potassium - Dissolved	33.4	0.050	"	32.4		103	85.2-115				
Sodium - Dissolved	85.4	0.100	"	85.1		100	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 BF40355 - EPA SW846-7470											
Blank (BF40355-BLK1)								Prepared & Analyzed: 06/09/2014			
Mercury - Dissolved	ND	0.0002000	mg/L								
Mercury	ND	0.0002	"								
Blank (BF40355-BLK2)								Prepared & Analyzed: 06/09/2014			
Mercury	ND	0.0002	mg/L								
Mercury - Dissolved	ND	0.0002000	"								
LCS (BF40355-BS1)								Prepared & Analyzed: 06/09/2014			
Mercury	0.002244	0.0002	mg/L	0.00200		112	80-120				
Mercury - Dissolved	0.002244	0.0002000	"	0.00200		112	80-120				
LCS (BF40355-BS2)								Prepared & Analyzed: 06/09/2014			
Mercury - Dissolved	0.002133	0.0002000	mg/L	0.00200		107	80-120				
Mercury	0.002133	0.0002	"	0.00200		107	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 BF40248 - Analysis Preparation											
Blank (BF40248-BLK1)								Prepared & Analyzed: 06/05/2014			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BF40248-BS1)								Prepared & Analyzed: 06/05/2014			
Chromium, Hexavalent	0.510	0.0100	mg/L	0.500		102	80-120				
LCS (BF40248-BS2)								Prepared & Analyzed: 06/05/2014			
Chromium, Hexavalent	0.490	0.0100	mg/L	0.500		98.0	80-120				
Duplicate (BF40248-DUP1)	*Source sample: 14F0177-01 (MW-1)							Prepared & Analyzed: 06/05/2014			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
14F0177-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-ACCB	Analyte in CCB. Run is bracketed by acceptable CCBs.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
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: Sample received out of hold for Hexavalent Chromium analysis. - 6/5/14

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

YORK ANALYTICAL LABORATORIES INC

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. HF0177

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: HydroTech	Company:	Company:	140130	RUSH - Same Day ☐	Summary Report
Address:	Address:	Address:	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary
Phone No.	Phone No.	Phone No.	5732	RUSH - Two Day ☐	CT RCP Package
Contact Person: Erica Johnston	Attention:	Attention: Muslima Ward	Samples from: CT___ NY___ NJ___	RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address:	E-Mail Address:	E-Mail Address:		~~RUSH~~ Four Day ☒	NY ASP A Package
				Standard(5-7 Days) ☐	NY ASP B Package
					NJDEP Red. Deliv.

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)

Erica Johnston
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN-	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Electronic Data Deliverables (EDD)
Simple Excel
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison Excel Spreadsheet
Compare to the following Regs. (please fill in):

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW-1	6/3/2014	GW	SVOCs, VOCs, Pest/PCBs, TAL metals (filtered run HF) Chromium Hexr Tri	3 1-Liter Ambers
				6 40-mL HCL vials
				3 250-ml HNO3
				1 unpreserved 250ml

Comments

Preservation Check those Applicable: 4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___ ZnAc___ Ascorbic Acid___ Other___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
Hydrotech Fordye	6/5/14 1210 pm	K Baker	6/5/14 1210 pm
		TC Yoh	6/5/14 1740
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt 3.9 °C

Appendix I: Laboratory Data Deliverables for Soil Vapor Analytical Data

Technical Report

prepared for:

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Erica Johnston

Report Date: 06/10/2014
Client Project ID: 140130
York Project (SDG) No.: 14F0191

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: 06/10/2014
Client Project ID: 140130
York Project (SDG) No.: 14F0191

Hydro Tech Environmental (Brooklyn)
15 Ocean Avenue
Brooklyn NY, 11225
Attention: Erica Johnston

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 05, 2014 and listed below. The project was identified as your project: **140130**.

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
14F0191-01	SV-1	Soil Vapor	06/04/2014	06/05/2014
14F0191-02	SV-2	Soil Vapor	06/04/2014	06/05/2014
14F0191-03	SV-3	Soil Vapor	06/04/2014	06/05/2014
14F0191-04	SV-4	Soil Vapor	06/04/2014	06/05/2014

General Notes for York Project (SDG) No.: 14F0191

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: 06/10/2014

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: **SV-1** **York Sample ID:** **14F0191-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0191	140130	Soil Vapor	June 4, 2014 3:00 pm	06/05/2014

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	12	12	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
108-05-4	Vinyl acetate	ND		ug/m³	16	16	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
79-01-6	Trichloroethylene	ND		ug/m³	6.2	6.2	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	21	21	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	18	18	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
108-88-3	**Toluene**	**47**		ug/m³	17	17	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	14	14	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
127-18-4	Tetrachloroethylene	ND		ug/m³	31	31	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
100-42-5	Styrene	ND		ug/m³	20	20	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
115-07-1	* Propylene	ND		ug/m³	7.9	7.9	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
622-96-8	*** p-Ethyltoluene**	**29**		ug/m³	23	23	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
179601-23-1	**p- & m- Xylenes**	**58**		ug/m³	40	40	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
95-47-6	**o-Xylene**	**28**		ug/m³	20	20	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
110-54-3	**n-Hexane**	**50**		ug/m³	16	16	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
142-82-5	**n-Heptane**	**30**		ug/m³	19	19	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
75-09-2	Methylene chloride	ND		ug/m³	32	32	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	16	16	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	19	19	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
67-63-0	Isopropanol	ND		ug/m³	23	23	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	49	49	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	20	20	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	33	33	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
110-82-7	Cyclohexane	ND		ug/m³	16	16	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	21	21	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	18	18	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
74-87-3	Chloromethane	ND		ug/m³	9.5	9.5	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
67-66-3	Chloroform	ND		ug/m³	22	22	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
75-00-3	Chloroethane	ND		ug/m³	12	12	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	7.2	7.2	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
75-15-0	**Carbon disulfide**	**16**		ug/m³	14	14	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
74-83-9	Bromomethane	ND		ug/m³	18	18	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
75-25-2	Bromoform	ND		ug/m³	47	47	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	28	28	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
100-44-7	Benzyl chloride	ND		ug/m³	24	24	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
71-43-2	Benzene	ND		ug/m³	15	15	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD

Sample Information

Client Sample ID: **SV-1** **York Sample ID:** **14F0191-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0191	140130	Soil Vapor	June 4, 2014 3:00 pm	06/05/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**1800**		ug/m³	11	11	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
591-78-6	* 2-Hexanone	ND		ug/m³	38	38	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
78-93-3	**2-Butanone**	**82**		ug/m³	14	14	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	17	17	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	28	28	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	28	28	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	20	20	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	23	23	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	32	32	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	21	21	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	19	19	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	28	28	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**45**		ug/m³	23	23	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	34	34	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	18	18	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	19	19	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	26	26	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	25	25	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	35	35	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	31	31	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	25	25	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	23	23	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	35	35	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	37	37	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	19	19	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD
108-90-7	Chlorobenzene	ND		ug/m³	21	21	45.8	EPA TO-15	06/06/2014 08:12	06/09/2014 20:34	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*88.2 %*	*72-118*

Sample Information

Client Sample ID: **SV-2** **York Sample ID:** **14F0191-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0191	140130	Soil Vapor	June 4, 2014 3:00 pm	06/05/2014

Sample Information

Client Sample ID: **SV-2** **York Sample ID:** **14F0191-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0191	140130	Soil Vapor	June 4, 2014 3:00 pm	06/05/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	13	13	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
108-05-4	Vinyl acetate	ND		ug/m³	18	18	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
79-01-6	Trichloroethylene	ND		ug/m³	6.8	6.8	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	23	23	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	20	20	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
108-88-3	**Toluene**	**47**		ug/m³	19	19	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
109-99-9	* Tetrahydrofuran	ND		ug/m³	15	15	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
127-18-4	Tetrachloroethylene	ND		ug/m³	34	34	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
100-42-5	Styrene	ND		ug/m³	21	21	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
115-07-1	* Propylene	ND		ug/m³	8.7	8.7	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
622-96-8	*** p-Ethyltoluene**	**25**		ug/m³	25	25	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
179601-23-1	**p- & m- Xylenes**	**53**		ug/m³	44	44	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
95-47-6	**o-Xylene**	**26**		ug/m³	22	22	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
110-54-3	n-Hexane	ND		ug/m³	18	18	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
142-82-5	n-Heptane	ND		ug/m³	21	21	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
75-09-2	Methylene chloride	ND		ug/m³	35	35	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	18	18	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	21	21	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
67-63-0	Isopropanol	ND		ug/m³	25	25	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	54	54	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	22	22	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	36	36	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
110-82-7	Cyclohexane	ND		ug/m³	17	17	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	23	23	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	20	20	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
74-87-3	Chloromethane	ND		ug/m³	10	10	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
67-66-3	Chloroform	ND		ug/m³	25	25	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
75-00-3	Chloroethane	ND		ug/m³	13	13	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	7.9	7.9	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
75-15-0	Carbon disulfide	ND		ug/m³	16	16	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
74-83-9	Bromomethane	ND		ug/m³	20	20	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
75-25-2	Bromoform	ND		ug/m³	52	52	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	31	31	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
100-44-7	Benzyl chloride	ND		ug/m³	26	26	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
71-43-2	Benzene	ND		ug/m³	16	16	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
67-64-1	**Acetone**	**2100**		ug/m³	12	12	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
591-78-6	*** 2-Hexanone**	**41**		ug/m³	41	41	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD

Sample Information

Client Sample ID: **SV-2** **York Sample ID:** **14F0191-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0191	140130	Soil Vapor	June 4, 2014 3:00 pm	06/05/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	**2-Butanone**	**140**		ug/m³	15	15	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	18	18	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	30	30	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	30	30	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	22	22	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	25	25	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	35	35	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	23	23	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	20	20	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	30	30	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**27**		ug/m³	25	25	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	37	37	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	20	20	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	20	20	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	28	28	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	28	28	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	39	39	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	35	35	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	28	28	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	25	25	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	39	39	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	40	40	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	21	21	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD
108-90-7	Chlorobenzene	ND		ug/m³	23	23	50.4	EPA TO-15	06/06/2014 08:12	06/09/2014 21:24	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*87.5 %*	*72-118*

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **14F0191-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0191	140130	Soil Vapor	June 4, 2014 3:00 pm	06/05/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **14F0191-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0191	140130	Soil Vapor	June 4, 2014 3:00 pm	06/05/2014

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	10	10	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
108-05-4	Vinyl acetate	ND		ug/m³	14	14	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
79-01-6	Trichloroethylene	ND		ug/m³	5.3	5.3	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	18	18	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	16	16	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
108-88-3	**Toluene**	**40**		ug/m³	15	15	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
109-99-9	*** Tetrahydrofuran**	**19**		ug/m³	12	12	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
127-18-4	Tetrachloroethylene	ND		ug/m³	27	27	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
100-42-5	Styrene	ND		ug/m³	17	17	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
115-07-1	* Propylene	ND		ug/m³	6.8	6.8	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
622-96-8	*** p-Ethyltoluene**	**21**		ug/m³	19	19	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
179601-23-1	**p- & m- Xylenes**	**43**		ug/m³	34	34	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
95-47-6	**o-Xylene**	**22**		ug/m³	17	17	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
110-54-3	**n-Hexane**	**38**		ug/m³	14	14	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
142-82-5	**n-Heptane**	**21**		ug/m³	16	16	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
75-09-2	**Methylene chloride**	**56**		ug/m³	27	27	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	14	14	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	16	16	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
67-63-0	Isopropanol	ND		ug/m³	19	19	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	42	42	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
100-41-4	Ethyl Benzene	ND		ug/m³	17	17	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	28	28	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
110-82-7	Cyclohexane	ND		ug/m³	14	14	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	18	18	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	16	16	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
74-87-3	Chloromethane	ND		ug/m³	8.2	8.2	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
67-66-3	Chloroform	ND		ug/m³	19	19	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
75-00-3	Chloroethane	ND		ug/m³	10	10	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	6.2	6.2	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
75-15-0	Carbon disulfide	ND		ug/m³	12	12	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
74-83-9	Bromomethane	ND		ug/m³	15	15	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
75-25-2	Bromoform	ND		ug/m³	41	41	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	25	25	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
100-44-7	Benzyl chloride	ND		ug/m³	20	20	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
71-43-2	Benzene	ND		ug/m³	13	13	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
67-64-1	**Acetone**	**2000**		ug/m³	9.4	9.4	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
591-78-6	*** 2-Hexanone**	**44**		ug/m³	32	32	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
78-93-3	**2-Butanone**	**180**		ug/m³	12	12	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **14F0191-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0191	140130	Soil Vapor	June 4, 2014 3:00 pm	06/05/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/m³	14	14	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	24	24	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	24	24	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	17	17	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	19	19	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	28	28	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	18	18	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	16	16	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	24	24	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**31**		ug/m³	19	19	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	29	29	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	16	16	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	16	16	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	22	22	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	22	22	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	30	30	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	27	27	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	22	22	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	20	20	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	30	30	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	32	32	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	16	16	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD
108-90-7	Chlorobenzene	ND		ug/m³	18	18	39.52	EPA TO-15	06/06/2014 08:12	06/09/2014 22:13	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*88.0 %*	*72-118*

Sample Information

Client Sample ID: **SV-4** **York Sample ID:** **14F0191-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0191	140130	Soil Vapor	June 4, 2014 3:00 pm	06/05/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

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

Sample Information

Client Sample ID: **SV-4** **York Sample ID:** **14F0191-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0191	140130	Soil Vapor	June 4, 2014 3:00 pm	06/05/2014

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	4.4	4.4	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
108-05-4	Vinyl acetate	ND		ug/m³	6.1	6.1	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
79-01-6	Trichloroethylene	ND		ug/m³	2.3	2.3	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.9	7.9	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.9	6.9	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
108-88-3	**Toluene**	**29**		ug/m³	6.5	6.5	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
109-99-9	*** Tetrahydrofuran**	**6.2**		ug/m³	5.1	5.1	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
127-18-4	Tetrachloroethylene	ND		ug/m³	12	12	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
100-42-5	Styrene	ND		ug/m³	7.4	7.4	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
115-07-1	* Propylene	ND		ug/m³	3.0	3.0	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
622-96-8	*** p-Ethyltoluene**	**21**		ug/m³	8.5	8.5	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
179601-23-1	**p- & m- Xylenes**	**39**		ug/m³	15	15	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
95-47-6	**o-Xylene**	**20**		ug/m³	7.5	7.5	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
110-54-3	n-Hexane	ND		ug/m³	6.1	6.1	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
142-82-5	n-Heptane	ND		ug/m³	7.1	7.1	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
75-09-2	Methylene chloride	ND		ug/m³	12	12	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	6.3	6.3	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	7.1	7.1	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
67-63-0	Isopropanol	ND		ug/m³	8.5	8.5	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
87-68-3	Hexachlorobutadiene	ND		ug/m³	19	19	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
100-41-4	**Ethyl Benzene**	**9.8**		ug/m³	7.5	7.5	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
141-78-6	* Ethyl acetate	ND		ug/m³	13	13	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
110-82-7	Cyclohexane	ND		ug/m³	6.0	6.0	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.9	7.9	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	6.9	6.9	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
74-87-3	Chloromethane	ND		ug/m³	3.6	3.6	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
67-66-3	Chloroform	ND		ug/m³	8.5	8.5	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
75-00-3	Chloroethane	ND		ug/m³	4.6	4.6	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
56-23-5	Carbon tetrachloride	ND		ug/m³	2.7	2.7	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
75-15-0	Carbon disulfide	ND		ug/m³	5.4	5.4	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
74-83-9	Bromomethane	ND		ug/m³	6.7	6.7	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
75-25-2	Bromoform	ND		ug/m³	18	18	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
75-27-4	Bromodichloromethane	ND		ug/m³	11	11	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
100-44-7	Benzyl chloride	ND		ug/m³	9.0	9.0	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
71-43-2	Benzene	ND		ug/m³	5.6	5.6	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
67-64-1	**Acetone**	**580**		ug/m³	4.1	4.1	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD

Sample Information

Client Sample ID: **SV-4** **York Sample ID:** **14F0191-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
14F0191	140130	Soil Vapor	June 4, 2014 3:00 pm	06/05/2014

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	*** 2-Hexanone**	**26**		ug/m³	14	14	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
78-93-3	**2-Butanone**	**61**		ug/m³	5.1	5.1	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
123-91-1	1,4-Dioxane	ND		ug/m³	6.3	6.3	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	10	10	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	10	10	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
106-99-0	1,3-Butadiene	ND		ug/m³	7.5	7.5	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
108-67-8	**1,3,5-Trimethylbenzene**	**8.5**		ug/m³	8.5	8.5	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	12	12	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
78-87-5	1,2-Dichloropropane	ND		ug/m³	8.0	8.0	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
107-06-2	1,2-Dichloroethane	ND		ug/m³	7.0	7.0	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	10	10	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
95-63-6	**1,2,4-Trimethylbenzene**	**34**		ug/m³	8.5	8.5	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	13	13	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	6.9	6.9	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
75-34-3	1,1-Dichloroethane	ND		ug/m³	7.0	7.0	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.8	9.8	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.5	9.5	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	13	13	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	12	12	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.5	9.5	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	8.6	8.6	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	13	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
124-48-1	Dibromochloromethane	ND		ug/m³	14	14	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
80-62-6	Methyl Methacrylate	ND		ug/m³	7.1	7.1	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD
108-90-7	Chlorobenzene	ND		ug/m³	8.0	8.0	17.38	EPA TO-15	06/06/2014 08:12	06/09/2014 23:02	ALD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*88.4 %*	*72-118*

Analytical Batch Summary

Batch ID: BF40266 **Preparation Method:** EPA TO15 PREP **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
14F0191-01	SV-1	06/06/14
14F0191-02	SV-2	06/06/14
14F0191-03	SV-3	06/06/14
14F0191-04	SV-4	06/06/14
BF40266-BLK1	Blank	06/06/14
BF40266-BS1	LCS	06/06/14

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 BF40266 - EPA TO15 PREP											
Blank (BF40266-BLK1)									Prepared: 06/06/2014 Analyzed: 06/09/2014		
Vinyl Chloride	ND	0.26	ug/m³								
Vinyl acetate	ND	0.35	"								
Trichloroethylene	ND	0.13	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
Toluene	ND	0.38	"								
Tetrahydrofuran	ND	0.29	"								
Tetrachloroethylene	ND	0.68	"								
Styrene	ND	0.43	"								
Propylene	ND	0.17	"								
p-Ethyltoluene	ND	0.49	"								
p- & m- Xylenes	ND	0.87	"								
o-Xylene	ND	0.43	"								
n-Hexane	ND	0.35	"								
n-Heptane	ND	0.41	"								
Methylene chloride	ND	0.69	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
4-Methyl-2-pentanone	ND	0.41	"								
Isopropanol	ND	0.49	"								
Hexachlorobutadiene	ND	1.1	"								
Ethyl Benzene	ND	0.43	"								
Ethyl acetate	ND	0.72	"								
Cyclohexane	ND	0.34	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
Chloromethane	ND	0.21	"								
Chloroform	ND	0.49	"								
Chloroethane	ND	0.26	"								
Carbon tetrachloride	ND	0.16	"								
Carbon disulfide	ND	0.31	"								
Bromomethane	ND	0.39	"								
Bromoform	ND	1.0	"								
Bromodichloromethane	ND	0.62	"								
Benzyl chloride	ND	0.52	"								
Benzene	ND	0.32	"								
Acetone	ND	0.24	"								
2-Hexanone	ND	0.82	"								
2-Butanone	ND	0.29	"								
1,4-Dioxane	ND	0.36	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Butadiene	ND	0.43	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,1-Dichloroethylene	ND	0.40	"								
1,1-Dichloroethane	ND	0.40	"								

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 BF40266 - EPA TO15 PREP											
Blank (BF40266-BLK1)								Prepared: 06/06/2014 Analyzed: 06/09/2014			
Trichlorofluoromethane (Freon 11)	ND	0.56	ug/m³								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
Dibromochloromethane	ND	0.80	"								
Methyl Methacrylate	ND	0.41	"								
Chlorobenzene	ND	0.46	"								
Surrogate: p-Bromofluorobenzene	*9.37*		*ppbv*	*10.6*		*88.4*	*72-118*				
LCS (BF40266-BS1)								Prepared: 06/06/2014 Analyzed: 06/09/2014			
Vinyl Chloride	7.97		ppbv	10.2		78.1	70-130				
Vinyl acetate	7.96		"	10.8		73.7	70-130				
Trichloroethylene	8.63		"	9.90		87.2	70-130				
trans-1,3-Dichloropropylene	10.3		"	10.9		94.9	70-130				
trans-1,2-Dichloroethylene	8.61		"	9.70		88.8	70-130				
Toluene	9.03		"	10.4		86.8	70-130				
Tetrahydrofuran	8.30		"	9.20		90.2	70-130				
Tetrachloroethylene	9.23		"	10.0		92.3	70-130				
Styrene	9.79		"	10.3		95.0	70-130				
Propylene	9.37		"	10.4		90.1	70-130				
p-Ethyltoluene	9.62		"	10.1		95.2	70-130				
p- & m- Xylenes	17.2		"	20.2		85.2	70-130				
o-Xylene	9.55		"	10.5		91.0	70-130				
n-Hexane	9.13		"	10.0		91.3	70-130				
n-Heptane	8.98		"	10.3		87.2	70-130				
Methylene chloride	7.87		"	9.90		79.5	70-130				
Methyl tert-butyl ether (MTBE)	8.95		"	9.80		91.3	70-130				
4-Methyl-2-pentanone	7.73		"	9.20		84.0	70-130				
Isopropanol	8.26		"	12.0		68.8	70-130	Low Bias			
Hexachlorobutadiene	9.64		"	9.90		97.4	70-130				
Ethyl Benzene	9.32		"	10.3		90.5	70-130				
Ethyl acetate	7.72		"	8.50		90.8	70-130				
Cyclohexane	9.18		"	10.1		90.9	70-130				
cis-1,3-Dichloropropylene	9.66		"	10.5		92.0	70-130				
cis-1,2-Dichloroethylene	8.86		"	10.3		86.0	70-130				
Chloromethane	8.15		"	10.1		80.7	70-130				
Chloroform	9.01		"	10.1		89.2	70-130				
Chloroethane	8.68		"	9.90		87.7	70-130				
Carbon tetrachloride	9.60		"	10.2		94.1	70-130				
Carbon disulfide	9.11		"	10.5		86.8	70-130				
Bromomethane	8.68		"	9.90		87.7	70-130				
Bromoform	10.6		"	10.1		104	70-130				
Bromodichloromethane	9.67		"	9.90		97.7	70-130				
Benzyl chloride	9.48		"	10.2		92.9	70-130				
Benzene	8.76		"	10.2		85.9	70-130				
Acetone	7.56		"	9.80		77.1	70-130				
2-Hexanone	7.16		"	9.30		77.0	70-130				
2-Butanone	8.13		"	9.40		86.5	70-130				
1,4-Dioxane	8.12		"	9.90		82.0	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF40266 - EPA TO15 PREP											
LCS (BF40266-BS1)							Prepared: 06/06/2014 Analyzed: 06/09/2014				
1,4-Dichlorobenzene	9.25		ppbv	10.2		90.7	70-130				
1,3-Dichlorobenzene	9.37		"	10.2		91.9	70-130				
1,3-Butadiene	7.86		"	10.1		77.8	70-130				
1,3,5-Trimethylbenzene	9.25		"	10.2		90.7	70-130				
1,2-Dichlorotetrafluoroethane	8.95		"	10.2		87.7	70-130				
1,2-Dichloropropane	8.91		"	10.3		86.5	70-130				
1,2-Dichloroethane	9.01		"	10.1		89.2	70-130				
1,2-Dichlorobenzene	9.28		"	10.1		91.9	70-130				
1,2,4-Trimethylbenzene	9.45		"	10.2		92.6	70-130				
1,2,4-Trichlorobenzene	8.08		"	9.60		84.2	70-130				
1,1-Dichloroethylene	8.84		"	10.0		88.4	70-130				
1,1-Dichloroethane	8.95		"	10.0		89.5	70-130				
Trichlorofluoromethane (Freon 11)	9.50		"	10.5		90.5	70-130				
1,1,2-Trichloroethane	9.02		"	10.3		87.6	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.61		"	9.70		88.8	70-130				
1,1,2,2-Tetrachloroethane	9.17		"	10.5		87.3	70-130				
1,1,1-Trichloroethane	9.10		"	9.90		91.9	70-130				
Dichlorodifluoromethane	7.59		"	10.0		75.9	70-130				
1,2-Dibromoethane	9.33		"	10.3		90.6	70-130				
Dibromochloromethane	10.7		"	10.3		104	70-130				
Methyl Methacrylate	8.29		"	9.50		87.3	70-130				
Chlorobenzene	9.12		"	10.4		87.7	70-130				
Surrogate: p-Bromofluorobenzene	*9.60*		*"*	*10.6*		*90.6*	*72-118*				

Notes and Definitions

QL-03 This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.

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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.

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. 14F0191

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: HydroTech	Company:	Company:	140130	RUSH - Same Day ☐	Summary Report ___
Address:	Address:	Address:	**Purchase Order No.**	RUSH - Next Day ☐	Summary w/ QA Summary ___
Phone No.	Phone No.	Phone No.	5732	RUSH - Two Day ☐	CT RCP Package ___
Contact Person: Erica	Attention:	Attention: Mustafa	Samples from: CT___ NY X NJ___	RUSH - Three Day ☐	NY ASP A Package ___
E-Mail Address: Johnston	E-Mail Address:	E-Mail Address: Ward		~~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)

Erica Johnston
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) Y85	6-4-2014	AS	-30	-10	TO-15	6 Liter Summa canister___ Tedlar Bag___
SV-2 S04	6-4-2014	AS	-30	-10	TO-15	6 Liter Summa canister___ Tedlar Bag___
SV-3 S13	6-4-2014	AS	-26	-5	TO-15	6 Liter Summa canister___ Tedlar Bag___
SV-4 Y53	6-4-2014	AS	-30	-05	TO-15	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___
						6 Liter Summa canister___ Tedlar Bag___
						6 Liter Summa canister___ Tedlar Bag___

Comments: Please compare results to NYSDOH guidelines

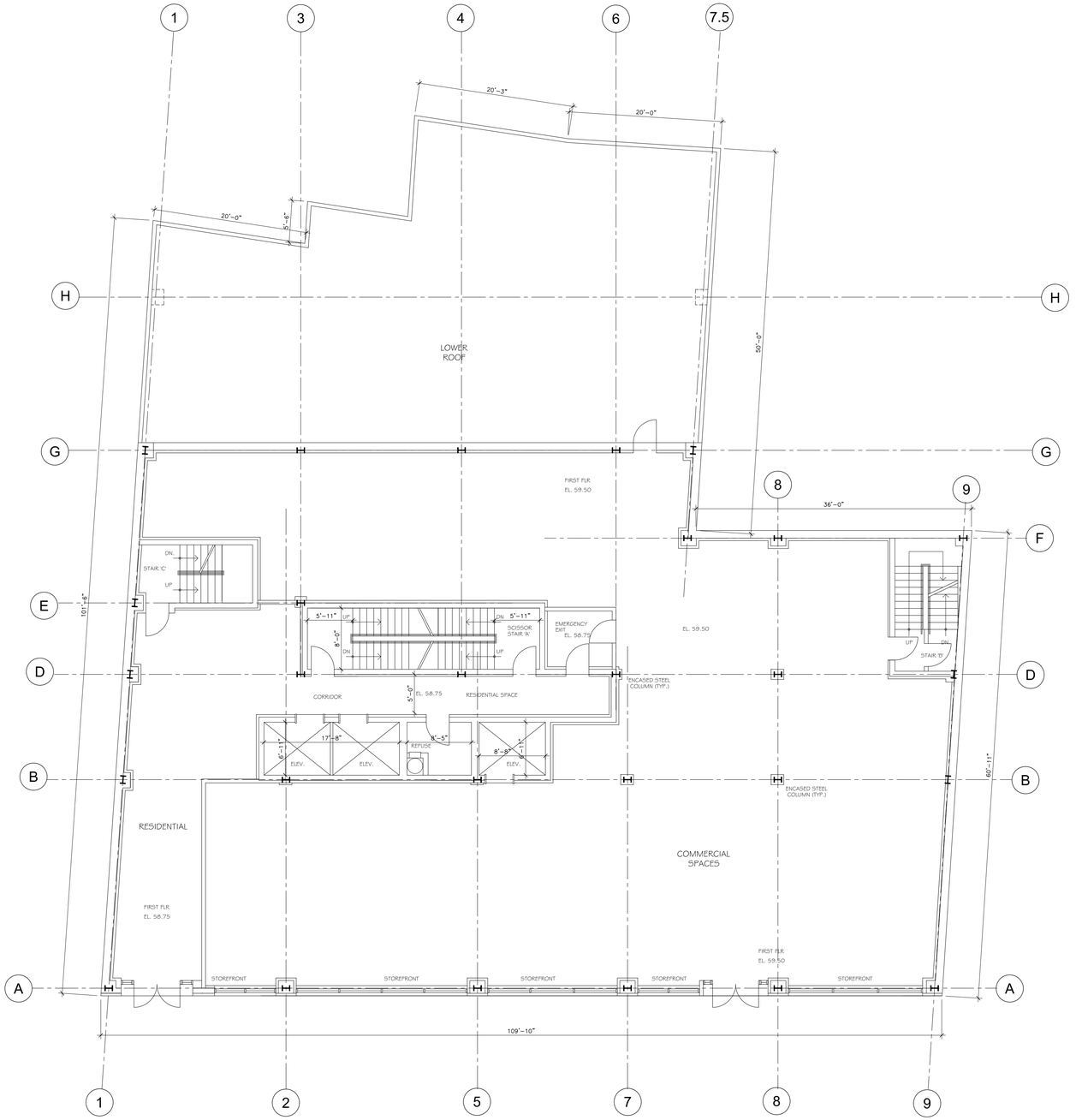
HydroTech 6/5/14 1210pm
Samples Relinquished By / Date/Time

Samples Relinquished By / Date/Time

JCBarlin 6/5/14 1200pm
Samples Received By / Date/Time

PFace 6-5-14 1740
Samples Received in LAB by / Date/Time

Appendix J: Proposed Development Plans



FIRST FLOOR PLAN - COMMERCIAL

SCALE : 1/8" = 1'-0"

NORTH

STRUCTURAL ENGINEER
WEXLER & ASSOCIATES
Consulting Engineers
12 West 32nd St., 8th Floor . New York, NY 10001
TEL: (212) 643-1500 FAX: (212) 643-2277

ETTINGER ENGINEERING
ASSOCIATES
505, Eighth Avenue, 24th Floor
New York, N.Y. 10018
Tel. 212-244-2410 Fax. 212-643-1606
E-mail: eric@ettingerengineering.com

FORDHAM PLAZA APARTMENTS
@ 4729 PARK AVENUE
BRONX, NEW YORK, NY 10458

DATE	ACTION
01-30-14	DOB SUBMISSION
10-21-13	DOB SUBMISSION

Michael DePasquale
ARCHITECTS & PLANNER
1 North MacQuesten Parkway
Mount Vernon, New York 10550
tel. 914.662.4570 fax. 914.662.4571

THE ARCHITECT SHALL NOT HAVE CONTROL OR CHARGE OF AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, DEVIATIONS, TECHNIQUES, SEQUENCES, OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR ACTS OR OMMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. ALWAYS USE DIMENIONS AS SHOWN. DRAWINGS ARE NOT TO BE SCALED.

PROJECT
4729 PARK AVENUE
Bronx, New York 10458

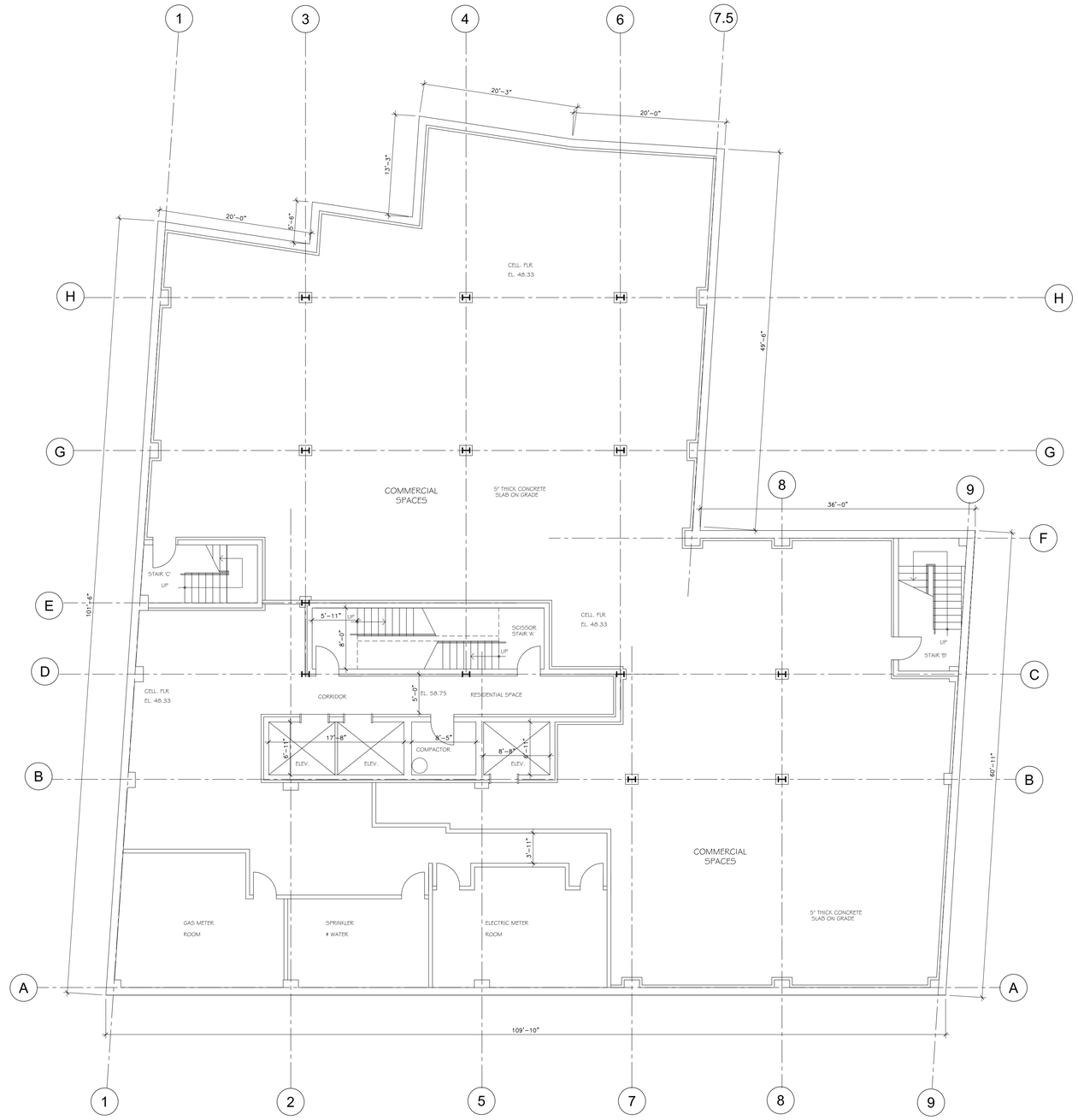
DRAWING TITLE
FIRST FLOOR PLAN

SEAL & SIGNATURE

DATE:	10-21-13
PROJECT No:	13-030
DRAWN BY:	E.W.
CHECKED BY:	M.D.
DWG No:	A-010.00

DOB No: NB #: 220339694

CADD FILE No: Server1:\4729 Park Ave.dwg



CELLAR FLOOR PLAN

SCALE : 1/8" = 1'-0"

NORTH

STRUCTURAL ENGINEER
WEXLER & ASSOCIATES
Consulting Engineers
12 West 32nd St., 8th Floor . New York, NY 10001
TEL: (212) 643-1500 FAX: (212) 643-2277

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FORDHAM PLAZA APARTMENTS
@ 4729 PARK AVENUE
BRONX, NEW YORK, NY 10458

DATE	ACTION
01-30-14	DOB SUBMISSION
10-21-13	DOB SUBMISSION

Michael DePasquale
ARCHITECTS & PLANNER
1 North MacQuesten Parkway
Mount Vernon, New York 10550
tel. 914.662.4570 fax. 914.662.4571

THE ARCHITECT SHALL NOT HAVE CONTROL OR CHARGE OF AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, DEVIATIONS, TECHNIQUES, SEQUENCES, OR PROCEDURES, OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR ACTS OR OMMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. ALWAYS USE DIMENIONS AS SHOWN. DRAWINGS ARE NOT TO BE SCALED.

PROJECT
4729 PARK AVENUE
Bronx, New York 10458

DRAWING TITLE
CELLAR FLOOR PLAN

SEAL & SIGNATURE

DATE:	10-21-13
PROJECT No:	13-030
DRAWN BY:	E.W.
CHECKED BY:	M.D.
DWG No:	A-009.00

DOB No: NB #: 2220339694
CADD FILE No: Server1:\4729 Park Ave.dwg