PHASE II ENVIRONMENTAL SITE INVESTIGATION
HAZARDOUS MATERIALS E-DESIGNATION (E-231)

FULTON SOUTH
1328 FULTON STREET
BLOCK 1861, LOT 119
BROOKLYN, NEW YORK 11216
OER PROJECT #: 13EH-A393K

E-DESIGNATION E-185
CEQR #: 07DCP070K
BEDFORD STUYVESANT SOUTH REZONING (10/29/2007)

CARDNO ATC PROJECT NO. 015.382442.0024

JUNE 26, 2013

Prepared by:
Cardno ATC
104 East 25th Street, 10th Floor
New York, New York 10010
Phone: (212) 353-8280
Fax: (212) 979-8447

Prepared For:
Ms. Mary Serafy
Fulton South Development LLC
767 3rd Avenue, 33rd Floor
New York, New York 10017

104 East 25th Street
10th Floor
New York, NY 10010
Telephone: 212-353-8280
Facsimile: 212-979-8447

June 26, 2013

Ms. Mary Serafy
Fulton South Development LLC
767 3rd Avenue, 33rd Floor
New York, New York 10017

RE: Phase II ESI
1328 Fulton Street
Block 1861, Lot 119
Brooklyn, New York 11216
Hazardous Materials E-Designation (E-185)
OER Project #: 13EH-A393K
CEQR #: 07DCP070K
Bedford Stuyvesant South Rezoning (10/29/2007)
Cardno ATC Project No. 015.38242.0024

Dear Ms. Serafy:

Cardno ATC was retained by Fulton South Development LLC (FSDL) to perform a Phase II Environmental Site Investigation (Phase II ESI) of the property located at 1328 Fulton Street, Brooklyn, New York 11216 (hereinafter referred to as the "Site"). The objective of this Phase II ESI is to assess whether there are hazardous materials impacts to the subsurface (soil, groundwater, and soil vapor).

Attached is the Phase II ESI report. If you have any questions regarding this report, please feel free to contact the undersigned at (212) 353-8280.

Sincerely,

CARDNO ATC

Report Prepared By:

Matthew J. Mankovich
Senior Project Manager

Report Reviewed By:

Jed A. Myers, Ph.D.
Senior Project Manager

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EXECUTIVE SUMMARY

Cardno ATC was retained by Fulton South Development LLC (FSDL) to perform a Phase II Environmental Site Investigation (ESI) of the property located at 1328 Fulton Street, Brooklyn, New York 11216 (hereinafter referred to as the "Site").

The Site is located in the Bedford Stuyvesant section of Brooklyn, New York and is 11,521-square feet. The Site is bound by Fulton Street to the north, three- and four-story residences and a church to the south, seven-story apartment building to the east, and a three-story residential building with retail storefront to the west. Currently, the Site is used as a concrete-paved parking lot. According to information obtained from the New York City Department of Finance (NYCDOF), the Site is identified as Block 1861, Lot119 (formally part of Lot 20, the subdivision became effective August 2012). The Site is listed with E-No. E-185, CEQR No. 07DCP070K, and ULURP No.070447ZMK.

The proposed use of the Site will consist of a new 10-story concrete and brick facade mixed-use rental building. This new development will replace the existing vacant lot, being used as a parking lot, with approximately 14,000 square feet of retail and community facility space and 57 studio, one, two, and three bedroom rental units. The proposed cellar and 1st floor will encompass the entire lot, 115.21' wide by 100' deep, with a cellar height of 23' below grade which is above the groundwater table (groundwater table estimated between 50 to 55 feet below grade). The current zoning designation is C4-5D which is a commercial district that permits residential, commercial, and community facility buildings.

Cardno ATC prepared a Phase I Environmental Site Assessment (ESA) for the Site dated October 5, 2011 and December 31, 2012. The December 31, 2012 Phase I ESA identified the following *recognized environmental condition* and potential environmental concern:

- The Site is listed on the E Designation database with E-No. E-185, CEQR No. 07DCP070K, and ULURP No. 070447ZMK. The effective date is listed as 10/19/2007 and the description as "Underground Storage Tanks Testing Protocol" and Window Wall Attenuation & Alternate Ventilation".

- The potential presence of former heating oil tanks based on the presence of former on-site structures and since the Site has not undergone redevelopment.

- The surrounding properties are historically depicted as residences, retail stores, dry cleaning, laundry, garage with gasoline tanks, knitting mill, public schools, manufacturing, and commercial. The historical use of the surrounding properties as a garage with gasoline tanks, laundry, dry cleaning, and manufacturing are considered to represent a *recognized environmental condition* to the property.

- One adjoining site to the north across Fulton Street (1343 Fulton Street; Lot 50, Tax Block 1850) is identified on the E Designation database. The site is listed on the E Designation database with E-No. E-185, CEQR No. 07DCP070K, and ULURP No. 070447ZMK. The effective date is listed as 10/19/2007 and the description as "Underground Storage Tanks Testing Protocol" and Window Wall Attenuation & Alternate Ventilation."

- The potential presence of construction and demolition (C&D) debris to be present in the subsurface as a result of demolition activities of the former on-site structures.

Based on the information collected from the Phase I ESA, Cardno ATC recommended the performance of a Phase II Environmental Site Investigation (ESI) to assess whether the identified *recognized environmental conditions* have impacted surface conditions at the property. The objective of this Phase II ESI is to assess whether there are hazardous materials impacts to the subsurface (soil, groundwater, and soil vapor).

The scope of this Phase II ESI consisted of the following:

- Contacting "One-Call" subsurface utility mark-out service;
- Preparation of a Site-Specific Health and Safety Plan (HASP) consistent with applicable and appropriate requirements;
- Performance of a geophysical survey;
- The advancement of nine (9) soil borings (*please note that four (4) additional borings attempts were performed at SB-7 and one (1) additional boring attempt at MW-2)* and the collection of 16 soil samples for laboratory analysis;
- The installation of four (4) temporary well points (TWPs) (*please note that one (1) additional boring attempt was performed at MW-2)* and the collection of four (4) groundwater samples for laboratory analysis;
- The collection of five (5) soil vapor samples and one (1) ambient air samples for laboratory analysis;
- The collection of two (2) duplicate samples (one (1) soil and one (1) groundwater) and two (2) trip blanks;
- Survey performed by a New York State Licensed Surveyor which included surveying the casing elevation of each monitoring well in order to determine groundwater flow direction at the Site; and,
- An evaluation of the field and laboratory data and preparation of this report.

The Phase II ESI identified the following:

1. The underlying subsurface consisted of 12 inches of concrete followed by soils consisting of brown fine to medium sand, dark brown sand, and brown sand with one or more of the following man-made materials (brick, wood, metal, and glass fragment), which are indicative of fill material, in each of the borings to depths ranging from eight (8) to 10 feet below ground surface (bgs). Below the identified fill material, the soils consisted of brown fine to medium sand and brown sandy silt to a termination depth of 15 feet bgs.

2. Cardno ATC observed black staining in SB-5 at a shallow depth. The results of the field screening did not identify any photoionization detector (PID) readings or a petroleum odor. No other borings exhibited any PID readings or visual/olfactory indications of impacted soils.

3. On June 5, 2013, Naeva Geophysics Inc., under the observation of Cardno ATC, arrived on-Site to perform a geophysical survey to identify subsurface structures, utilities, and anomalies throughout the Site so that they can be avoided during drilling activities and to investigate the potential presence of underground storage tanks (USTs). The equipment to be used included a Sensors and Software N250Plus cart-mounted Ground Penetrating Radar (GPR) unit with a 250 MHz antenna, a Radiodetection 4000T3 multi-transmitter, a Radiodetection 4000

receiver, and a Fisher TW-6 metallic locator. Naeva Geophysics Inc. began compiling data for the geophysical survey at the time a large rain event occurred. Preliminary data collected as part of the geophysical survey indicated that due to reinforced concrete throughout the Site the penetration of the survey would be limited to less than one (1) foot bgs. Based on the rain event and the preliminary data indicating that the survey would be limited in depth to less than one (1) foot bgs, the survey was not completed since the results would likely be inconclusive. Therefore, the geophysical survey was not able to investigate the potential presence of USTs at the Site.

4. Groundwater was encountered at 48.12 feet bgs in MW-1, 50.20 feet bgs in MW-2, 49.03 feet bgs in MW-3, and 48.75 feet bgs in MW-4. Based on the survey, the apparent groundwater flow direction is west-northwest

5. Soil samples collected during the RI identified trace concentrations volatile organic compound (VOC) including methylene chloride, naphthalene, xylenes and trichloroethylene. One VOC, acetone (max. of 0.11 ppm), exceeded New York State Department of Environmental Conservation (NYSDEC) Subpart 375-6: Remedial Program Restricted Residential Use SCOs. Six semivolatile organic compounds (SVOCs) including benzo(a)anthracene (max. of 18.2 ppm), benzo(a)pyrene (max. of 12.0 ppm), benzo(b)fluoranthene (max. of 15.6 ppm), benzo-(k)fluoranthene (max. of 13.1 ppm), chrysene (max. of 17.7 ppm), and indeno(1,2,3-cd)pyrene (max. of 4.72 ppm) were detected above their respective Restricted Residential Use SCOs in seven shallow soil samples. With the exception of SB-7 (12'-14'), none of the soil samples collected at depth (12'-14') had SVOCs above their laboratory method detection limits (MDLs). Six metals including barium (max. of 898 ppm), copper (max. of 1640 ppm), lead (1910 ppm), selenium (max. of 4.95 ppm), silver (8.57 ppm) and zinc (max. of 522 ppm) were detected exceeding Unrestricted Use SCOs, and of these, barium, copper and lead also exceeded Restricted Residential SCOs. Most metal exceedances were observed in shallow soil samples. Pesticides were detected in the shallow soil samples and one (1) deep soil sample (SB-7 [12'-14']) above their Unrestricted Use SCO but below their Restricted Residential Use SCO. Five pesticides were detected above Unrestricted Use SCOs including 4,4'-DDD (max. of 0.445 ppm), 4,4'-DDE (max. of 0.186 ppm), 4,4'-DDT (max. of 0.466 ppm), dieldrin (max. of 0.0629 ppm), and eldrin (max. of 0.0443 ppm). Of these pesticides, dieldrin also exceeded Restricted Residential Use SCOs. PCBs were not detected above their laboratory MDLs in the soil samples analyzed. SVOCs, metals and pesticides SCO exceedances in shallow soils appear to be distributed within the historic fill layer and are likely associated with the quality of the fill at the Site.

6. Groundwater samples collected during the RI identified one VOC, methylene chloride (max. of 6.3 ug/L) in each of the groundwater samples slightly above the New York State Department of Environmental Conservation Technical and Operational Guidance Standard (TOGS) Ambient Water Quality Standards (AWQS) 1.1.1 for Class GA groundwater. . Methylene chloride is a common laboratory contaminant. Trace concentrations of TCE (max. of 4.5 ug/L) and PCE (1.4 ug/L) were also identied in all groundwater samples. The SVOCs fluoranthene, phenanthrene, and pyrene were detected below their corresponding AWQS in MW-4. No other SVOCs were detected above their laboratory MDL in the groundwater samples collected. Several metals were identified but only manganese (max. of 640 ug/L) and sodium (max. of 47600) were detected above their corresponding AWQSPesticides and PCBs were not detected above their laboratory MDLs in the

groundwater samples analyzed

7. 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 on Soil Vapor Intrusion (October 2006) values (AGVs). Soil vapor sampling results identified benzene and ethylbenzene at concentrations above the New York State Department of Health (NYSDOH) Background Levels in each the soil vapor samples analyzed. Carbon tetrachloride (max. of 480 ug/m3) was detected in two (2) soil vapor samples at concentrations above the NYSDOH Background Levels and EPA Shallow Soil Vapor Value. Soil vapor samples showed several VOCs, including 1,2,4-trimethylbenzene, acetone, carbon disulfide, chlorobenzene, cyclohexane, n-heptane, n-hexane, o-xylene, p- &m-xylene, p-ethyltoluene, toluene, Freon 111 with most compounds at concentrations were below 50 ug/m^3. Highest reported concentrations were for acetone (540 ug/m^3), total xylenes (290 ug/m^3) and toluene (250 ug/m^3). None of the detected concentrations of compounds in the ambient air sample were above the NYSDOH Background Levels. Chlorinated VOCs including tetrachloroethylene (PCE), trichloroethylene, and TCA were not detected in soil vapor samples.

Based upon the results of the Phase II ESI, Cardno ATC recommends the preparation of a Remedial Action Plan (RAP) and Construction Health and Safety Plan (CHASP).

The RAP shall include but not be limited to the following:

- Provisions for transportation and disposal of excavated soil/fill material in accordance with applicable Federal, State, and local laws and regulations. Additional soil sampling may be required by the selected disposal facility.
- Provisions and a contingency plan for managing, handling, transporting and disposing of UST(s), if encountered, during construction activities.
- Installation of a vapor mitigation system due to the presence of VOCs in soil vapor.
- Dust control procedures during excavation activities to minimize the creation and dispersion of fugitive airborne dust.

1.0 INTRODUCTION

Cardno ATC was retained by Fulton South Development LLC (FSDL) to perform a Phase II Environmental Site Investigation (ESI) of the property located at 1328 Fulton Street, Brooklyn, New York 11216 (hereinafter referred to as the "Site"). A Site Location Plan Map is provided as Figure 1 and a Site Plan as Figure 2.

The Site is located in the Bedford Stuyvesant section of Brooklyn, New York and is 11,521-square feet. The Site is bound by Fulton Street to the north, three- and four-story residences and a church to the south, seven-story apartment building to the east, and a three-story residential building with retail storefront to the west. Currently, the Site is used as a concrete-paved parking lot. According to information obtained from the New York City Department of Finance (NYCDOF), the Site is identified as Block 1861, Lot119 (formally part of Lot 20, the subdivision became effective August 2012). The Site is listed with E-No. E-185, CEQR No. 07DCP070K, and ULURP No.070447ZMK.

The proposed use of the Site will consist of a new 10-story concrete and brick facade mixed-use rental building. This new development will replace the existing vacant lot, being used as a parking lot, with approximately 14,000 square feet of retail and community facility space and 57 studio, one, two, and three bedroom rental units. The proposed cellar and 1st floor will encompass the entire lot, 115.21' wide by 100' deep, with a cellar height of 12' below grade which is above the groundwater table (groundwater table estimated between 50 to 55 feet below grade). The current zoning designation is C4-5D which is a commercial district that permits residential, commercial, and community facility buildings.

Cardno ATC prepared a Phase I Environmental Site Assessment (ESA) for the Site dated October 5, 2011 and December 31, 2012. The December 31, 2012 Phase I ESA identified the following *recognized environmental condition* and potential environmental concern:

- The Site is listed on the E Designation database with E-No. E-185, CEQR No. 07DCP070K, and ULURP No. 070447ZMK. The effective date is listed as 10/19/2007 and the description as "Underground Storage Tanks Testing Protocol" and Window Wall Attenuation & Alternate Ventilation".

- The potential presence of former heating oil tanks based on the presence of former on-site structures and since the Site has not undergone redevelopment.

- The surrounding properties are historically depicted as residences, retail stores, dry cleaning, laundry, garage with gasoline tanks, knitting mill, public schools, manufacturing, and commercial. The historical use of the surrounding properties as a garage with gasoline tanks, laundry, dry cleaning, and manufacturing are considered to represent a *recognized environmental condition* to the property.

- One adjoining site to the north across Fulton Street (1343 Fulton Street; Lot 50, Tax Block 1850) is identified on the E Designation database. The site is listed on the E Designation database with E-No. E-185, CEQR No. 07DCP070K, and ULURP No. 070447ZMK. The effective date is listed as 10/19/2007 and the description as "Underground Storage Tanks Testing Protocol" and Window Wall Attenuation & Alternate Ventilation."

- The potential presence of construction and demolition (C&D) debris to be present in the subsurface as a result of demolition activities of the former on-site structures.

Based on the information collected from the Phase I ESA, Cardno ATC recommended the performance of a Phase II Environmental Site Investigation (ESI) to assess whether the identified *recognized environmental conditions* have impacted surface conditions at the property. The objective of this Phase II ESI is to assess whether there are hazardous materials impacts to the subsurface (soil, groundwater, and soil vapor).

1.1 Proposed Redevelopment Plan

The proposed use of the Site will consist of a new 10-story concrete and brick facade mixed-use rental building located on Fulton Street, in the Bedford Stuyvesant section of Brooklyn, NY. This new development will replace the existing vacant lot, being used as a parking lot, with approximately 14,000 square feet of retail and community facility space and fifty-seven (57) studio, one, two, and three bedroom rental units. The proposed cellar, sub-cellar and 1st floor will encompass the entire lot, 115.21’ wide by 100’ deep, with the sub-cellar being approximately 23’ below grade which is above the groundwater table (groundwater table estimated between 50 to 55 feet below grade). The current zoning designation is C4-5D which is a commercial district that permits residential, commercial, and community facility buildings. The current zoning designation is C4-5D which is a commercial district that permits residential, commercial, and community facility buildings.

2.0 SCOPE OF WORK

The project scope of work included the following:

- Contacting "One-Call" subsurface utility mark-out service;
- Preparation of a Site-Specific Health and Safety Plan (HASP) consistent with applicable and appropriate requirements;
- Performance of a geophysical survey;
- The advancement of nine (9) soil borings (*please note that four (4) additional borings attempts were performed at SB-7 and one (1) additional boring attempt at MW-2)* and the collection of 16 soil samples for laboratory analysis;
- The installation of four (4) temporary well points (TWPs) (*please note that one (1) additional boring attempt was performed at MW-2)* and the collection of four (4) groundwater samples for laboratory analysis;
- The collection of five (5) soil vapor samples and one (1) ambient air samples for laboratory analysis;
- The collection of two (2) duplicate samples (one (1) soil and one (1) groundwater) and two (2) trip blanks;
- Monitoring Well Survey performed by a New York State Licensed Surveyor which included surveying the casing elevation of each monitoring well in order to determine groundwater flow direction at the Site; and,
- An evaluation of the field and laboratory data and preparation of this report.

3.0 PHYSICAL SITE SETTING

3.1 Topography

According to the United States Geological Survey (USGS) 7.5-Minute Quadrangle, Flushing, NY dated 1995; the Site is approximately 52 feet above mean sea level. In the immediate vicinity of the property, the surface topography slopes downward to the west-northwest.

3.2 Geology

According to the New York State Department of Environmental Conservation, Water Power and Control Commission report titled *Ground Water in Bronx, New York, and Richmond Counties, with Summary Data on Kings and Queens Counties, New York City, New York*, the Site is located in a southern extension of an upland area that covers a large part of New England. New York City has been extensively eroded by pre-glacial stream action, modified by later glacial erosion and deposition. A thick layer of unconsolidated glacial and glaciofluvial deposits are present beneath the section of New York City in which the Site is located. The sediments were deposited into a deep north-south oriented bedrock depression in the area. The process that formed the depression is unknown, but may be attributable to the differential weathering rates of various rock types through pre-glacial alluvial erosion. In addition, a major east-west oriented fault is present in bedrock in the area. Bedrock was not encountered in the borings advanced to a depth of 15 feet below ground surface (bgs) as part of the investigative activities described herein.

3.3 Soils

The results of the Phase II ESI identified the underlying subsurface consisting of 12 inches of concrete followed by soils consisting of brown fine to medium sand, dark brown sand, and brown sand with one or more of the following man-made materials (brick, wood, metal, and glass fragment), which are indicative of fill material, in each of the borings to depths ranging from eight (8) to 10 feet bgs. Below the identified fill material, the soils consisted of brown fine to medium sand and brown sandy silt to a termination of 15 feet bgs. Boring logs are provided in Appendix A. The boring locations are shown on Figure 3.

3.4 Hydrogeology

Groundwater was encountered at 48.12 feet bgs in MW-1, 50.20 feet bgs in MW-2, 49.03 feet bgs in MW-3, and 48.75 feet bgs in MW-4. Based on the survey, the apparent groundwater flow direction on-Site is west-northwest. The groundwater sampling locations, elevations, and contour intervals are included on Figure 4.

4.0 GEOPHYSICAL INVESTIGATION

On June 5, 2013, Naeva Geophysics Inc., under the observation of Cardno ATC, arrived on-Site to perform a geophysical survey to identify subsurface structures, utilities, and anomalies throughout the Site so that they can be avoided during drilling activities and to investigate the potential presence of underground storage tanks (USTs). The equipment to be used included a Sensors and Software N250Plus cart-mounted Ground Penetrating Radar (GPR) unit with a 250 MHz antenna, a Radiodetection 4000T3 multi-transmitter, a Radiodetection 4000 receiver, and a Fisher TW-6 metallic locator. Naeva Geophysics Inc. began compiling data for the geophysical survey at the time a large rain event occurred. Preliminary data collected as part of the geophysical survey indicated that due to reinforced concrete throughout the Site the penetration of the survey would be limited to less than one (1) foot bgs. Based on the rain event and the preliminary data indicating that the survey would be limited in depth to less than one (1) foot bgs, the survey was not completed since the results would likely be inconclusive. Therefore, the geophysical survey was not able to investigate the potential presence of USTs at the Site.

5.0 SOIL SAMPLING ACTIVITIES

On June 3, 2013, Eastern Environmental, Inc., under the observation of Cardno ATC, advanced nine (9) soil borings (SB-1 through SB-7, S-1 and S-2) throughout the Site using a track-mounted Geoprobe® drilling rig. Boring locations are shown on Figure 3. Soil borings SB-1 through SB-7 were advanced to a depth of 15 feet bgs and borings S-1 and S-2 were advanced to two (2) feet bgs.

Continuous soil quality field screening was performed to the termination depth of each boring (15 feet bgs or two (2) feet bgs). Visual and olfactory methods of screening were used during the field efforts to identify evidence of contamination. Additionally, a portable photo ionization detector (PID) was used to obtain qualitative measurements of volatile organic vapors. Cardno ATC observed black staining in SB-5 at a shallow depth. The results of the field screening did not identify any PID readings or petroleum odor. No other borings exhibited any visual/olfactory indications of impacted soils.

As indicated in the site-specific HASP, air monitoring of the breathing space was performed at 15 minute intervals during the drilling activities in the area of the track-mounted Geoprobe® drilling rig. Air monitoring was performed using a PID and air monitoring logs are included in Appendix B.

Grab soil samples were collected from borings SB-1 through SB-7 as follows:

- One (1) soil sample was collected from the ground surface to a depth of two (2) feet bgs to assess the presence of historic fill material and C&D debris; and
- One (1) soil sample was collected from 2 – 14 feet bgs based on field screening (e.g., staining, odor, and/or PID readings). Since no elevated PID readings or visual/olfactory observations of impacted soils were noted from the subsurface soil intervals, the soil sample was collected from 12 – 14 ftbg.

Grab soil samples from the shallow borings S-1 and S-2 were collected from the ground surface to a depth of two (2) ftbg to assess the presence of historic fill material and C&D debris.

Soil samples were placed in laboratory supplied containers and cooled to 4 degrees centigrade (wet ice) during shipment to the laboratory. Cardno ATC completed all chain of custody documents prior to sample shipment. Samples were submitted to York Analytical Laboratories, Inc. of Stratford, CT, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory, and analyzed for target compounds list (TCL) volatile organic compounds (VOCs) via EPA Method 8260B, TCL semi-volatile organic compounds (SVOCs) via EPA Method 8270C, Target Analyte List (TAL) metals via EPA Method 6010B, Pesticides via EPA Method 8081A, and PCBs via EPA Method 8082. The soil sampling results were tabulated and compared to NYSDEC Subpart 375-6: Remedial Program Unrestricted Use Soil Cleanup Objectives (SCOs) and Restricted Residential Use SCOs. A copy of the laboratory analytical report is provided in Appendix C.

Drilling equipment was decontaminated by scrubbing with a non-phosphate detergent (i.e., Alconox) and rinsing with fresh water prior to use at each sample location. Upon completion of drilling, each boring was filled to near grade with drill cuttings (since no PID measurements were recorded). The boring was patched at grade with the appropriate materials (on-site soils and a concrete patch).

6.0 GROUNDWATER SAMPLING ACTIVITIES

On June 4-5, 2013, Eastern Environmental, Inc., under the observation of Cardno ATC, installed four (4) TWPs (MW-1 through MW-4) adjacent to soil borings SB-2, SB-3, SB-4, and SB-7. Groundwater was encountered at 48.12 feet bgs in MW-1, 50.20 feet bgs in MW-2, 49.03 feet bgs in MW-3, and 48.75 feet bgs in MW-4. Each of the monitoring wells were constructed of one (1) inch diameter schedule 40 polyvinyl chloride (PVC) screen and riser to a total depth of 60 feet bgs, with45 feet of riser and 15 feet of 20-slot screen. TWP locations are shown on Figure 4. TWP logs, well sampling logs, and the monitoring well survey are included in Appendix D.

Groundwater samples were collected on June 6, 2013. Prior to sampling, the TWPs were purged until they were relatively clear and free of sediment (approximately 5 to 10 gallons). Subsequent to the initial purge and prior to sampling, a check valve and tubing was connected to a flow through cell (Horiba) and measured for the following water quality parameters: turbidity, pH, temperature, dissolved oxygen, oxidation-reduction potential, and specific conductivity. Measurements were conducted in five (5) minute intervals until the measurements stabilized. A groundwater sample was then collected from the each TWP for screening and laboratory analysis via dedicated polyethylene tubing and check valve. All tubing was new, clean and unused and was properly disposed after use.

Groundwater samples were placed in laboratory supplied containers and cooled to 4 degrees centigrade (wet ice) during shipment to the laboratory. Standard chain of custody procedures were followed. Groundwater samples were submitted to York Analytical Laboratories, Inc. of Stratford, CT a NYSDOH ELAP certified laboratory and analyzed for TCL VOCs by EPA Method 8260, TCL SVOCs by EPA Method 8270, TAL metals by EPA Method 6010 (filtered and unfiltered), Pesticides by EPA Method 8081, and PCBs via EPA Method 8082. The groundwater sampling results were tabulated and compared to the NYSDEC Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations for Class GA (Part 703) and NYSDEC Division of Water Technical Operational Guidance Series 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations for Class GA (TOGS). A copy of the laboratory analytical report is provided in Appendix C.

Drilling equipment was decontaminated by scrubbing with a non-phosphate detergent (i.e., Alconox) and rinsing with fresh water prior to use at each sample location. The TWPs were removed from the subsurface, grout was poured into each hole, and the borings were patched at grade with the appropriate materials (on-site soils and concrete patch).

7.0 SOIL VAPOR SAMPLING ACTIVITIES

On June 5, 2013, five (5) soil vapor samples (SV-1 through SV-5) and one ambient air sample were collected for laboratory analyses. The soil vapor sample locations correspond to the soil borings as follows: SV-1 at SB-1, SV-2 at SB-6, SV-3 at SB-2, and SV-4 at SB-7. The soil boring locations are shown on Figure 3.

Soil vapor sampling was performed in accordance with the soil vapor sampling procedures outlined in the NYSDOH October 2006 Soil Vapor Intrusion Guidance Document (NYSDOH Guidance Document). The soil vapor samples were collected at a depth of 12 feet bgs (the depth of the proposed basement slab). A 6-inch long stainless steel implant (screen) was installed at a depth of 12 feet. The borehole was backfilled with Morie #00 fine sand and topped with bentonite clay to minimize the infiltration of ambient air. Polyethylene tubing connected to the implant was extended approximately three (3) feet above the ground surface.

Prior to the collection of the soil vapor samples, a portable PID was used to assess if organic vapors were present. No PID readings were measured at any soil vapor sampling locations. The sampling tubing was then connected to a low-flow battery-powered pump for approximately three minutes in an attempt to remove remaining ambient air. Following completion of the purge cycle, the tubing was connected to a 6-liter Summa canister equipped with a two-hour flow controller, which kept the flow rate below 0.2 liters per minute, for the collection of the soil vapor sample. In addition, a tracer gas consisting of helium was used to verify the integrity of the vapor probe seal and that infiltration of outdoor/ambient air was not occurring. A MGD-2000 multi-gas leak locator was used in the field to collect helium readings. No helium readings were detected. A sample log form including the following information was maintained and included as Appendix E: sample identification, date and time of sample collection, sampling depth, identity of samplers, sampling methods and devices, soil vapor purge volumes, volume of soil vapor extracted, vacuum of canisters before and after samples collected, and apparent moisture content (dry, moist, saturated, etc.) of sampling zone.

After collection, the Summa canisters were submitted to York Analytical Laboratories, Inc. of Stratford, CT, a NYSDOH ELAP certified laboratory and analyzed for VOCs using EPA Method TO-15 including the reporting of helium concentrations, if any. Standard chain of custody procedures was followed.

New York State has not promulgated soil vapor standards, but the NYSDOH has established exposure guidelines, Air Guidance Values (AGVs), for indoor air quality. The soil vapor sampling results were tabulated and compared to the NYSDOH AGVs in lieu of soil vapor standards. In addition, detected concentrations of VOCs in soil vapor were compared to background levels of VOCs in air published in the NYSDOH Draft Guidance (NYSDOH Background Levels). In addition, the results were compared EPA Target Shallow Soil Gas Concentration Corresponding to Target Indoor Air Concentration Where the Soil Gas to Indoor Air Attenuation Factor is 0.1 (EPA Shallow Soil Vapor Value).

8.0 SOIL ANALYTICAL RESULTS

8.1 Target Compound List (TCL) Volatile Organic Compounds (VOCs)

A summary of the soil sample analytical results for VOCs is presented in Table 1. The soil sample collected from boring SB-5 (0-2') contained detectable concentrations of 1,2,4-trimethybenzene, 1,3,5-trimethylbenzene, 2-butanone, acetone, carbon disulfide, ethylbenzene, n-propylbenzene, naphthalene, o-xylene, p- &m-xylenes, and sec-butylbenzene. Acetone was detected above its corresponding Unrestricted Use SCO but below its Restricted Residential Use SCO. Acetone is a common laboratory contaminant. Naphthalene was detected below its corresponding Unrestricted Use SCO and in the laboratory batch blank. The detection in the laboratory batch blank for naphthalene indicates that the presence is likely due to laboratory cross-contamination. None of the remaining concentrations in SB-5 were detected above applicable NYSDEC criteria. The field screening identified black staining in SB-5; however, no PID readings or petroleum odors were present.

Acetone was detected in borings SB-6 (0-2') and SB-7 (0-2') at concentrations above above its Unrestricted Use SCO but below its Restricted Residential Use SCO. Naphthalene was detected in six (6) soil samples (excluding SB-5 [0-2'] discussed above) and in the laboratory batch blank corresponding to each of the detected concentrations. As indicated above, the detection of naphthalene is attributed to laboratory handling and is likely due to laboratory cross-contamination. The remaining detected concentrations were below both their corresponding Unrestricted Use and Restricted Residential Use SCOs. All other VOCs were detected below their corresponding laboratory method detection limit (MDL).

8.2 Target Compound List (TCL) Semi-Volatile Organic Compounds (SVOCs)

A summary of the soil sample analytical results for SVOCs is presented in Table 2. The following SVOCs were detected above their laboratory MDL: acenaphthene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, benzyl butyl phthalate, bis(2-ethylhexyl)phthalate, chrysene, fluoranthene, hexachlorobenzene, indeno(1,2,3-cd)pyrene, isophorone, phenanthrene, and pyrene.

Benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, hexachlorobenzene, and indeno(1,2,3-cd)pyrene were detected in each of the shallow soil samples (excluding S-1 and S-2) at concentrations above their corresponding Unrestricted Use and Restricted Residential Use SCOs. The remaining detected concentrations in the shallow borings were below both their corresponding Unrestricted Use and Restricted Residential Use SCOs. All other SVOCs were detected below their corresponding laboratory MDL. With the exception of SB-7 (12'-14'), none of the soil samples collected at depth (12'-14') had SVOCs concentrations above laboratory MDLs. In SB-7, none of the compounds detected above their corresponding laboratory MDL were above applicable NYSDEC criteria.

8.3 Target Analyte List (TAL) Metals

A summary of the soil sample analytical results for TAL metals is presented in Table 3. The laboratory results indicate that concentrations of one or more of the following metals were detected above either their Unrestricted Use SCOs or Restricted Residential Use SCOs: barium, copper, lead,

selenium, silver, and zinc.

Lead was detected at a concentration of 1,910 milligrams per kilogram (mg/kg) above its Unrestricted Use SCO and Restricted Residential Use SCO in SB-1 (0-2'). The concentrations of lead ranged from 99.7 mg/kg to 68 mg/kg, which are above its Unrestricted Use SCO of 63 mg/kg and below its Restricted Residential Use SCO of 400 mg/kg, in each of the other shallow soil samples collected and one (1) of the deep samples collected: SB-2 (0-2'), SB-3 (0-2'), SB-4 (0-2'), SB-5 (0-2'), SB-6 (0-2'), SB-7 (0-2'), SB-7 (12'-14'), and duplicate. Lead was detected in each of remaining deep soil samples below its Unrestricted Use SCO. Barium was detected in five (3) shallow samples and one deep soil sample above its Restricted Residential Use SCO. Selenium was detected in three (3) shallow soil samples above its Unrestricted Use SCO but below its Restricted Residential Use SCO. Zinc was detected in each of the shallow soil samples and one (1) of the deep soil sample above its Unrestricted Use SCO but below its Restricted Residential Use SCO. The remaining soil samples did not indicate any metals above their corresponding Unrestricted Use SCOs, and/or were not detected above their MDL.

8.4 Polychlorinated Biphenyls (PCBs)

A summary of the soil sample analytical results for PCBs is presented in Table 4. PCBs were not detected above their laboratory MDL in the soil samples collected.

8.5 Pesticides

A summary of the soil sample analytical results for pesticides is presented in Table 5. The following pesticides, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, were detected in each of the shallow soil samples and one (1) deep soil sample (SB-7 [12'-14']) above their Unrestricted Use SCO and below their Restricted Residential Use SCODieldrin was detected in one (1) shallow soil sample above its Unrestricted Use SCO and Restricted Residential Use SCO and in two (2) of shallow soil samples above its Unrestricted Use SCO but below its Restricted Residential Use SCO. Endrin was detected in one (1) soil sample above its Unrestricted Use SCO but below its Restricted Residential Use SCO. The remaining soil samples did not indicate any pesticides above their corresponding Unrestricted Use SCOs, Restricted Residential Use SCOs and/or were not detected above their MDL.

9.0 GROUNDWATER ANALYTICAL RESULTS

9.1 Target Compound List (TCL) Volatile Organic Compounds (VOCs)

A summary of the groundwater analytical results for VOCs is presented in Table 6. Methylene chloride was detected in each of the groundwater samples slightly above its corresponding NYSDEC Part 703 and TOGS criteria. Methylene chloride is a common laboratory contaminant. PCE was detected in MW-1 and duplicate (collected at MW-1) below its corresponding NYSDEC Part 703 and TOGS criteria. TCE was detected in each of the groundwater samples below its corresponding NYSDEC Part 703 and TOGS criteria. No other VOCs were detected in the groundwater samples above laboratory MDL.

9.2 Target Compound List (TCL) Semi-Volatile Organic Compounds (SVOCs)

A summary of the groundwater analytical results for SVOCs is presented in Table 7. Fluoranthene, phenanthrene, and pyrene were detected below their corresponding NYSDEC TOGS Criteria in MW-4. No other SVOCs were detected in the groundwater samples above laboratory MDL.

9.3 Target Analyte List (TAL) Metals

A summary of the groundwater analytical results for TAL metals is presented in Table 8. The laboratory results indicate that metals were detected in each of the unfiltered and filtered groundwater samples analyzed. Manganese and selenium were detected above their corresponding NYSDEC Part 703 and TOGS criteria in each of filtered and unfiltered groundwater samples. Iron was detected above its corresponding NYSDEC Part 703 and TOGS criteria in the unfiltered groundwater sample and below the NYSDEC criteria in the filtered sample. No other metals were detected in groundwater samples above their corresponding NYSDEC Part 703 criteria, TOGS criteria and/or not detected above the laboratory MDL.

9.4 Polychlorinated Biphenyls (PCBs)

A summary of the groundwater analytical results for PCBs is presented in Table 9. PCBs were not detected in the groundwater samples above the laboratory MDL.

9.5 Pesticides

A summary of the groundwater analytical results for pesticides is presented in Table 10. Pesticides were not detected in the groundwater samples above the laboratory MDL.

10.0 SOIL VAPOR ANALYTICAL RESULTS

A summary of the analytical results for the soil vapor sampling is presented in Table 11. The laboratory analytical results revealed detectable concentrations of VOCs in all soil vapor samples collected (SV-1 through SV-5) and the ambient air sample.

The detected compounds in the soil vapor samples above the laboraory MDL included the following: 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2-butanone, acetone, benzene, carbon disulfide, carbon tetrachloride, chlorobenzene, cyclohexane, ethylbenzene, methylene chloride, n-heptane, n-hexane, o-xylene, p &m xylene, p-ethyltoluene, tetrahydrofuran, toluene, and trichlorofluoromethane (Freon 111).

In addition, the following compounds that were detected in the soil vapor samples were also deteced in the ambient air sample at low concentrations: 1,2,4-trimethylbenzene, 2-butanone, acetone, benzene, carbon tetrachloride, methylene chloride, n-heptane, n-hexane, o-xylene, p &m xylene, tetrahydrofuran, toluene, and trichlorofluoromethane (Freon 111). The following comounds were only detected in the ambient air sample: 1,1,2-trichloro-1,2,2-trifluoroethane (Freon 113), chloroform, chloromethane, dichlorodifluoromethane, and isopropanol.

The detected concentrations were compared to:

1. NYSDOH AGVs;
2. NYSDOH Background Levels; and
3. EPA Shallow Soil Vapor Values.

Benzene and ethylbenzene were detected at concentrations above the NYSDOH Background Levels and EPA Shallow Soil Vapor Values in each the soil vapor samples analyzed. Carbon tetrachloride was detected in two (2) soil vapor samples (SV-3 and SV-4) at concentrations above the NYSDOH Background Levels and EPA Shallow Soil Vapor Value. The remaining soil vapor samples did not detect carbon tetrachloride above laboratory MDL.

1,2,4-trimethylbenzene, acetone, carbon disulfide, chlorobenzene, cyclohexane, n-heptane, n-hexane, o-xylene, p- &m-xylene, p-ethyltoluene, toluene, Freon 111 were were detected at concentrations above the NYSDOH Background Levels but below the EPA Shallow Soil Vapor Values in one (1) or more of the soil vapor samples analyzed.

None of the detected concentrations of compounds in the ambient air sample were above the NYSDOH Background Levels.

11.0 CONCLUSIONS AND RECOMMENDATIONS

The Phase II ESI identified the following:

1. The underlying subsurface consisted of 12 inches of concrete followed by soils consisting of brown fine to medium sand, dark brown sand, and brown sand with one or more of the following man-made materials (brick, wood, metal, and glass fragment), which are indicative of fill material, in each of the borings to depths ranging from eight (8) to 10 feet below ground surface (bgs). Below the identified fill material, the soils consisted of brown fine to medium sand and brown sandy silt to a termination depth of 15 feet bgs.

2. Cardno ATC observed black staining in SB-5 at a shallow depth. The results of the field screening did not identify any photoionization detector (PID) readings or a petroleum odor. No other borings exhibited any PID readings or visual/olfactory indications of impacted soils.

3. On June 5, 2013, Naeva Geophysics Inc., under the observation of Cardno ATC, arrived on-Site to perform a geophysical survey to identify subsurface structures, utilities, and anomalies throughout the Site so that they can be avoided during drilling activities and to investigate the potential presence of underground storage tanks (USTs). The equipment to be used included a Sensors and Software N250Plus cart-mounted Ground Penetrating Radar (GPR) unit with a 250 MHz antenna, a Radiodetection 4000T3 multi-transmitter, a Radiodetection 4000 receiver, and a Fisher TW-6 metallic locator. Naeva Geophysics Inc. began compiling data for the geophysical survey at the time a large rain event occurred. Preliminary data collected as part of the geophysical survey indicated that due to reinforced concrete throughout the Site the penetration of the survey would be limited to less than one (1) foot bgs. Based on the rain event and the preliminary data indicating that the survey would be limited in depth to less than one (1) foot bgs, the survey was not completed since the results would likely be inconclusive. Therefore, the geophysical survey was not able to investigate the potential presence of USTs at the Site.

4. Groundwater was encountered at 48.12 feet bgs in MW-1, 50.20 feet bgs in MW-2, 49.03 feet bgs in MW-3, and 48.75 feet bgs in MW-4. Based on the survey, the apparent groundwater flow direction is west-northwest

5. Soil samples collected during the RI identified trace concentrations volatile organic compound (VOC) including methylene chloride, naphthalene, xylenes and trichloroethylene. One VOC, acetone (max. of 0.11 ppm), exceeded New York State Department of Environmental Conservation (NYSDEC) Subpart 375-6: Remedial Program Restricted Residential Use SCOs. Six semivolatile organic compounds (SVOCs) including benzo(a)anthracene (max. of 18.2 ppm), benzo(a)pyrene (max. of 12.0 ppm), benzo(b)fluoranthene (max. of 15.6 ppm), benzo-(k)fluoranthene (max. of 13.1 ppm), chrysene (max. of 17.7 ppm), and indeno(1,2,3-cd)pyrene (max. of 4.72 ppm) were detected above their respective Restricted Residential Use SCOs in seven shallow soil samples. With the exception of SB-7 (12'-14'), none of the soil samples collected at depth (12'-14') had SVOCs above their laboratory method detection limits (MDLs). Six metals including barium (max. of 898 ppm), copper (max. of 1640 ppm), lead (1910 ppm), selenium (max. of 4.95 ppm), silver (8.57 ppm) and zinc (max. of 522 ppm) were detected exceeding Unrestricted Use SCOs, and of these, barium, copper and lead also exceeded Restricted Residential SCOs. Most metal exceedances were observed in shallow soil samples. Pesticides

were detected in the shallow soil samples and one (1) deep soil sample (SB-7 [12'-14']) above their Unrestricted Use SCO but below their Restricted Residential Use SCO. Five pesticides were detected above Unrestricted Use SCOs including 4,4'-DDD (max. of 0.445 ppm), 4,4'-DDE (max. of 0.186 ppm), 4,4'-DDT (max. of 0.466 ppm), dieldrin (max. of 0.0629 ppm), and eldrin (max. of 0.0443 ppm). Of these pesticides, dieldrin also exceeded Restricted Residential Use SCOs. PCBs were not detected above their laboratory MDLs in the soil samples analyzed. SVOCs, metals and pesticides SCO exceedances in shallow soils appear to be distributed within the historic fill layer and are likely associated with the quality of the fill at the Site.

6. Groundwater samples collected during the RI identified one VOC, methylene chloride (max. of 6.3 ug/L) in each of the groundwater samples slightly above the New York State Department of Environmental Conservation Technical and Operational Guidance Standard (TOGS) Ambient Water Quality Standards (AWQS) 1.1.1 for Class GA groundwater. . Methylene chloride is a common laboratory contaminant. Trace concentrations of TCE (max. of 4.5 ug/L) and PCE (1.4 ug/L) were also identied in all groundwater samples. The SVOCs fluoranthene, phenanthrene, and pyrene were detected below their corresponding AWQS in MW-4. No other SVOCs were detected above their laboratory MDL in the groundwater samples collected. Several metals were identified but only manganese (max. of 640 ug/L) and sodium (max. of 47600) were detected above their corresponding AWQSPesticides and PCBs were not detected above their laboratory MDLs in the groundwater samples analyzed

7. 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 on Soil Vapor Intrusion (October 2006) values (AGVs). Soil vapor sampling results identified benzene and ethylbenzene at concentrations above the New York State Department of Health (NYSDOH) Background Levels in each the soil vapor samples analyzed. Carbon tetrachloride (max. of 480 ug/m3) was detected in two (2) soil vapor samples at concentrations above the NYSDOH Background Levels and EPA Shallow Soil Vapor Value. Soil vapor samples showed several VOCs, including 1,2,4-trimethylbenzene, acetone, carbon disulfide, chlorobenzene, cyclohexane, n-heptane, n-hexane, o-xylene, p- &m-xylene, p-ethyltoluene, toluene, Freon 111 with most compounds at concentrations were below 50 ug/m^3. Highest reported concentrations were for acetone (540 ug/m^3), total xylenes (290 ug/m^3) and toluene (250 ug/m^3). None of the detected concentrations of compounds in the ambient air sample were above the NYSDOH Background Levels. Chlorinated VOCs including tetrachloroethylene (PCE), trichloroethylene, and TCA were not detected in soil vapor samples.

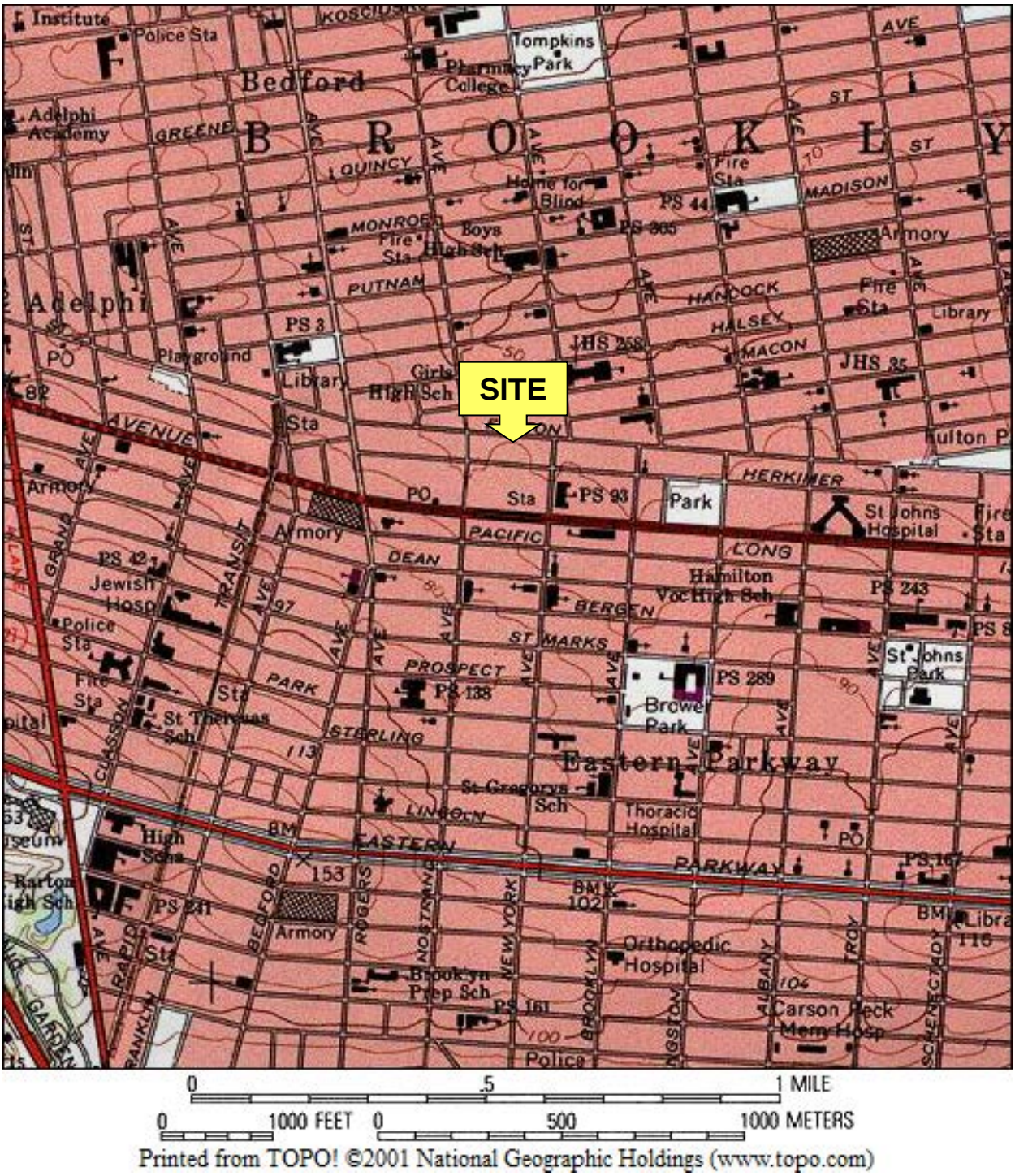
Based upon the results of the Phase II ESI, Cardno ATC recommends the preparation of a Remedial Action Plan (RAP) and Construction Health and Safety Plan (CHASP).

The RAP shall include but not be limited to the following:

- Provisions for transportation and disposal of excavated soil/fill material in accordance with applicable Federal, State, and local laws and regulations. Additional soil sampling may be required by the selected disposal facility.
- Provisions and a contingency plan for managing, handling, transporting and disposing of UST(s), if encountered, during construction activities.

- Installation of a vapor mitigation system due to the presence of VOCs in soil vapor.
- Dust control procedures during excavation activities to minimize the creation and dispersion of fugitive airborne dust.

FIGURES



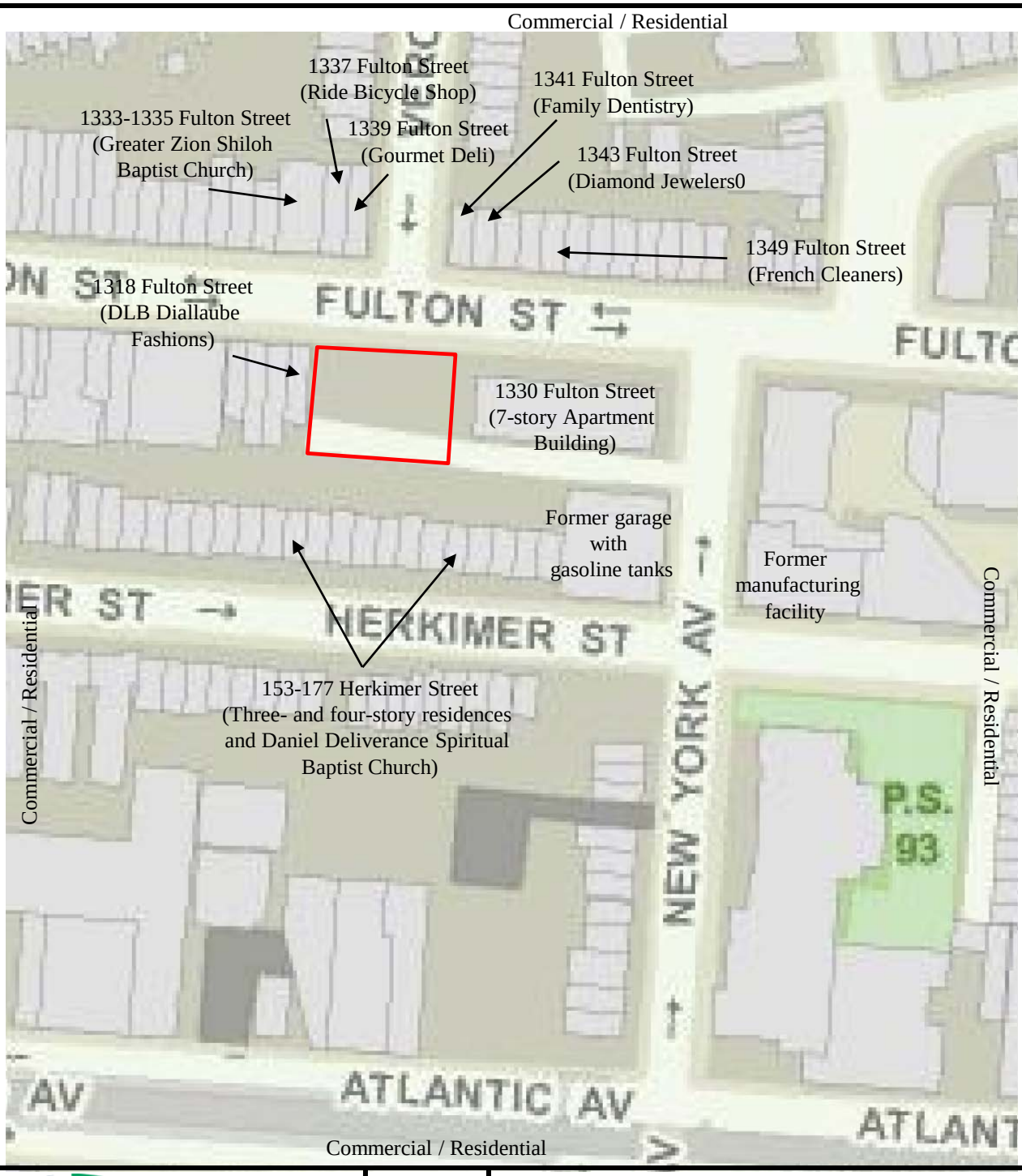
Cardno ATC
Shaping the Future
104 East 25th Street, 10th Floor
New York, NY 10010-2917
Phone (212) 353-8280 * Fax (212) 979-8447

N

Brooklyn, NY USGS Quadrangle (1995)

FIGURE 1 – SITE LOCATION PLAN

Client: Fulton South Development LLC
Address: 1328 Fulton Street
Brooklyn, New York 11216
Scale: As shown



Cardno ATC
Shaping the Future
104 East 25th Street, 10th Floor
New York, NY 10010-2917
Phone (212) 353-8280 * Fax (212) 979-8447

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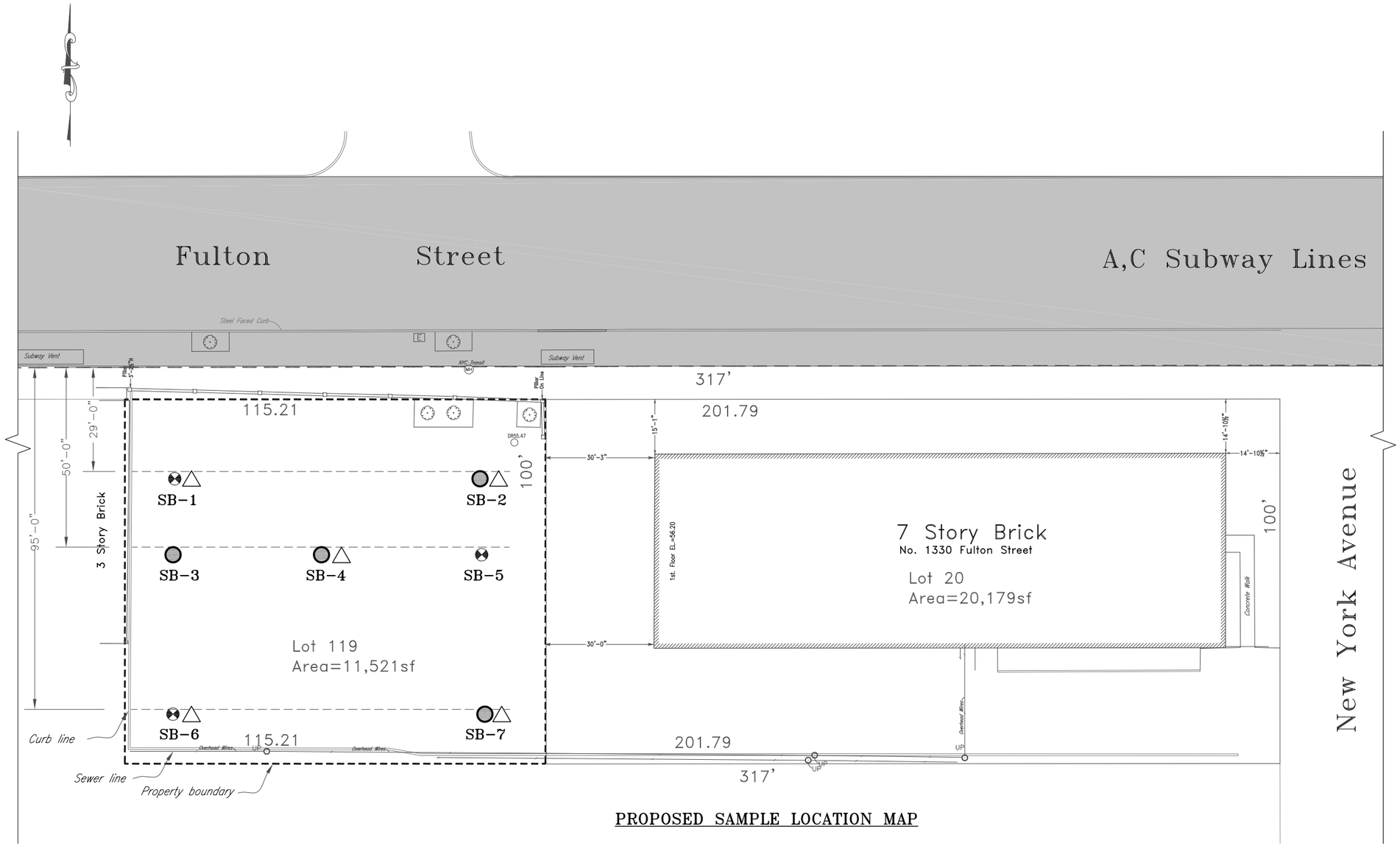
Figure 2 – Site Plan

Client: Fulton South Development LLC
Address: 1328 Fulton Street
Brooklyn, NY 11216

Approximate Scale: 0 132'

Legend:
Property Boundary



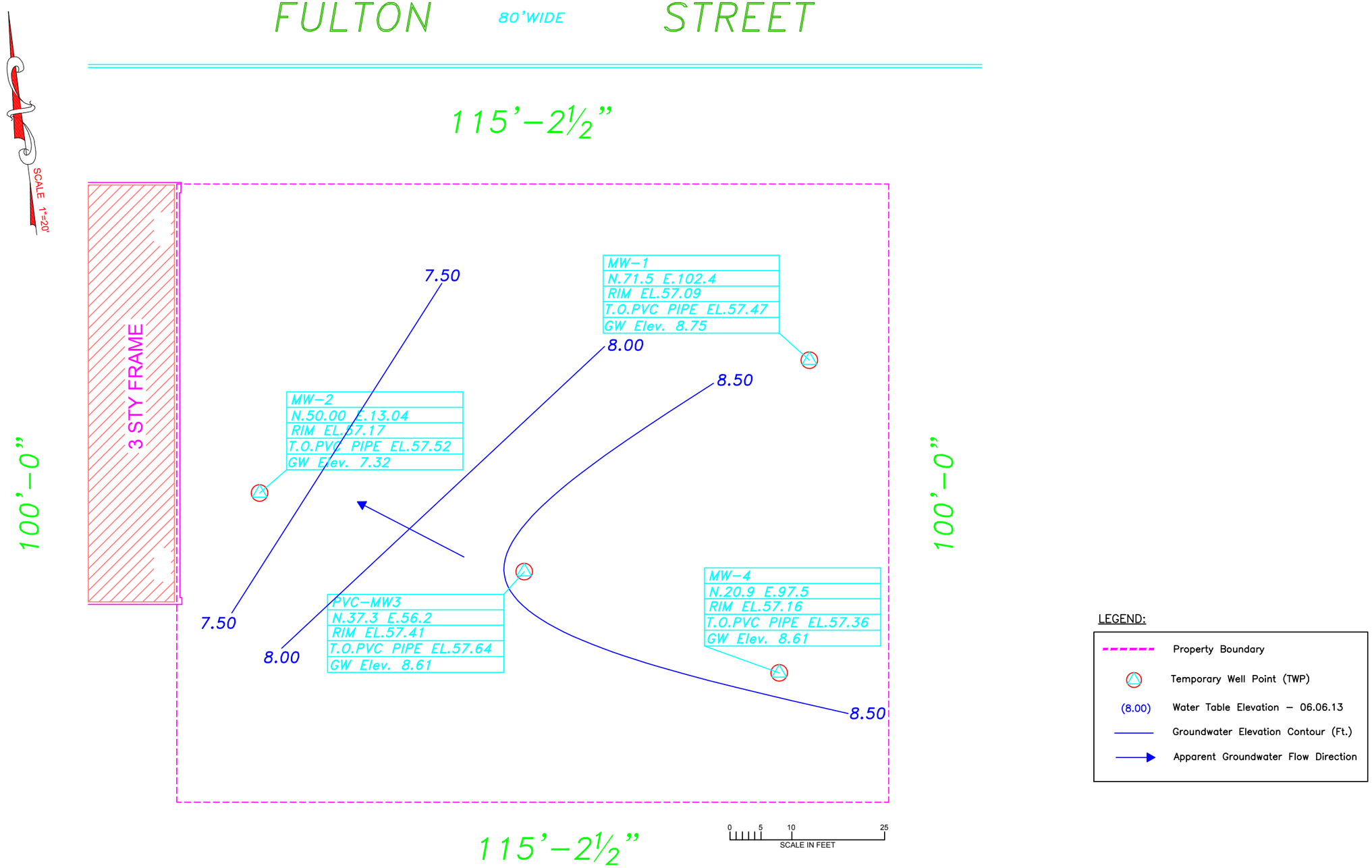
PROPOSED SAMPLE LOCATION MAP

LEGEND:

- PROPOSED SOIL BORING LOCATION
- PROPOSED SOIL BORING LOCATION AND TEMPORARY WELL POINT (TWP)
- PROPOSED SOIL VAPOR LOCATION
- A,C SUBWAY LINES
- PROPERTY BOUNDARY

CLIENT:	SITE ADDRESS:			DRAWING TITLE:	
BRP DEVELOPMENT. INC. *767 THIRD AVE* *33RD FLOOR* *NEW YORK, NY 10017*	FULTON SOUTH BLOCK 1861, LOT 119 BROOKLYN, NY 11216	Cardno ATC Shaping the Future 104 EAST 25th STREET, 10th FLOOR NEW YORK, NY 10010 TEL: (212) 353-8280 FAX: (212) 353-8306	DRAWING BY: M.SVERDEL INSPECTED BY: G. GEDEON DESIGNED BY: M.MANKOVICH CHECKED BY: G. GEDEON	PROPOSED SAMPLE LOCATION MAP	DRAWING NO. FIG-3 SHT. 2 OF 2 DATE: 03.01.13 REVISION No. 0
				SCALE: AS SHOWN CARDNO-ATC PROJECT: 015.38242.0024 FILE: M:\CAD2000\2013\38242\0024	

M:\CAD2000\2013\38242-Fulton South\0024\FIG-2.dwg 03/01/13 - 10:26am



CLIENT:	SITE ADDRESS:			DRAWING TITLE:	
FULTON SOUTH DEVELOPMENT LLC 767 THIRD AVE 33RD FLOOR NEW YORK, NY 10017	FULTON SOUTH BLOCK 1861, LOT 119 BROOKLYN, NY 11216	Cardno ATC Shaping the Future 104 EAST 25th STREET, 10th FLOOR NEW YORK, NY 10010 TEL: (212) 353-8280 FAX: (212) 353-8306	DRAWING BY: J. MASCIOLI INSPECTED BY: M. MANKOVICH DESIGNED BY: M.MANKOVICH CHECKED BY: J. MASCIOLI	GROUNDWATER SAMPLING LOCATIONS AND ELEVATIONS	DRAWING NO. FIG-4 DATE: 06.18.13
				SCALE: AS SHOWN CARDNO-ATC PROJECT: 015.38242.0024 FILE: K:\UDC Partners LLC - BRP\1320 Fulton Street\Phase II\CAD	

K:\UDC Partners LLC - BRP\1320 Fulton Street\Phase II\CAD\Figure 4.dwg 06/25/13 - 1:56pm

TABLES

TABLE 1
SUMMARY OF VOCS IN SOIL
1328 FULTON STREET
BROOKLYN, NEW YORK

SampleID YorkID Sampling Date DilutionFactor ClientMatrix RptUnits		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives Soil mg/Kg	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential Soil mg/Kg	SB-1 0-2' 13F0125-01 6/3/2013 10 Soil mg/kg dry		SB-1 12'-14' 13F0125-02 6/3/2013 5 Soil mg/kg dry		SB-2 0-2' 13F0125-03 6/3/2013 10 Soil mg/kg dry		SB-2 12'-14' 13F0125-04 6/3/2013 5 Soil mg/kg dry		SB-3 0-2' 13F0125-05 6/3/2013 10 Soil mg/kg dry		SB-3 12'-14' 13F0125-06 6/3/2013 5 Soil mg/kg dry		SB-4 0-2' 13F0125-07 6/3/2013 10 Soil mg/kg dry		SB-4 12'-14' 13F0125-08 6/3/2013 5 Soil mg/kg dry		SB-5 0-2' 13F0125-09 6/3/2013 100 Soil mg/kg dry		SB-5 12'-14' 13F0125-10 6/3/2013 5 Soil mg/kg dry		SB-6 0-2' 13F0125-11 6/3/2013 10 Soil mg/kg dry		SB-6 12'-14' 13F0125-12 6/3/2013 5 Soil mg/kg dry		SB-7 0-2' 13F0125-13 6/3/2013 10 Soil mg/kg dry		SB-7 12'-14' 13F0125-14 6/3/2013 10 Soil mg/kg dry		S-1 0-2' 13F0125-15 6/3/2013 10 Soil mg/kg dry		S-2 0-2' 13F0125-16 6/3/2013 10 Soil mg/kg dry		DUP (Soil) 13F0125-17 6/3/2013 10 Soil mg/kg dry	
Compound	**CAS Number**			**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Volatile Organics, TCL (Target Compound List)		mg/kg dry	mg/kg dry	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry	
1,1,1-Trichloroethane	71-55-6	0.68	100	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
1,1,2-Trichloroethane	79-00-5	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
1,1-Dichloroethane	75-34-3	0.27	19	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
1,1-Dichloroethylene	75-35-4	0.33	100	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
1,2,4-Trimethylbenzene	95-63-6	3.6	47	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	**0.026**		0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
1,2-Dibromo-3-chloropropane	96-12-8	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
1,2-Dibromoethane	106-93-4	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
1,2-Dichloroethane	107-06-2	0.02	2.3	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
1,2-Dichloropropane	78-87-5	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
1,3,5-Trimethylbenzene	108-67-8	8.4	47	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	**0.019**		0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
2-Butanone	78-93-3	0.12	100	0.0023	U	0.0027	U	0.0023	U	0.0023	U	**0.0052**	J	0.0025	U	0.0022	U	0.0028	U	**0.015**		0.0027	U	**0.0089**	J	0.0023	U	**0.012**		0.0026	U	0.0025	U	0.0026	U	0.0024	U
2-Hexanone	591-78-6	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
4-Methyl-2-pentanone	108-10-1	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Acetone	67-64-1	0.05	100	**0.0092**		**0.011**		0.0023	U	**0.0074**	J	**0.032**		**0.015**		**0.0026**	J	**0.012**		**0.073**		**0.0094**	J	**0.11**		**0.0056**	J	**0.066**		**0.0053**	J	**0.042**		**0.029**		**0.013**	
Benzene	71-43-2	0.06	2.9	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Bromodichloromethane	75-27-4	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Bromoform	75-25-2	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Bromomethane	74-83-9	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Carbon disulfide	75-15-0	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	**0.0067**		0.0027	U	0.0023	U	0.0023	U	**0.0085**		0.0026	U	0.0025	U	0.0026	U	0.0024	U
Carbon tetrachloride	56-23-5	0.76	1.4	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Chlorobenzene	108-90-7	1.1	100	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Chloroethane	75-00-3	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Chloroform	67-66-3	0.37	10	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Chloromethane	74-87-3	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
cis-1,2-Dichloroethylene	156-59-2	0.25	59	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
cis-1,3-Dichloropropylene	10061-01-5	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Dibromochloromethane	124-48-1	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Dichlorodifluoromethane	75-71-8	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Ethyl Benzene	100-41-4	1	30	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	**0.0032**	J	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Methylene chloride	75-09-2	0.05	51	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	**0.0058**	J	0.0026	U	**0.0033**	J
n-Butylbenzene	104-51-8	12	100	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
n-Propylbenzene	103-65-1	3.9	100	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	**0.0025**	J	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Naphthalene	91-20-3	12	100	0.0023	U	0.0027	U	0.0023	U	0.0023	U	**0.030**	B	**0.0033**	J,B	0.0022	U	0.0028	U	**6.0**	B,D	**0.013**	B	**0.0029**	J,B	0.0023	U	**0.091**	B	**0.0055**	J,B	0.0025	U	0.0026	U	0.0024	U
o-Xylene	95-47-6	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	**0.0073**		0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
p- & m- Xylenes	179601-23-1	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	**0.0076**	J	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
sec-Butylbenzene	135-98-8	11	100	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	**0.0023**	J	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Styrene	100-42-5	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
tert-Butylbenzene	98-06-6	5.9	100	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Tetrachloroethylene	127-18-4	1.3	5.5	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Toluene	108-88-3	0.7	100	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
trans-1,3-Dichloropropylene	10061-02-6	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Trichloroethylene	79-01-6	0.47	10	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	**0.0088**		0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Trichlorofluoromethane	75-69-4	NS	NS	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Vinyl Chloride	75-01-4	0.02	0.21	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U
Xylenes, Total	1330-20-7	0.26	100	0.0023	U	0.0027	U	0.0023	U	0.0023	U	0.0026	U	0.0025	U	0.0022	U	0.0028	U	**0.015**		0.0027	U	0.0023	U	0.0023	U	0.0027	U	0.0026	U	0.0025	U	0.0026	U	0.0024	U

NOTES:
mg/kg - milligram per kilogram (ppm)
NS - No Standard
Bold = Concentration deteced above laboratory method detection limit (MDL)
Shading = Concentration exceeds Subpart 375-6 Unrestricted Use SCOs
Underline = Concentration exceeds Subpart 375-6 Restricted-Residential Use SCOs
Q is the Qualifier Column with definitions as follows:
B=analyte found in the analysis batch blank
D=result is from an analysis that required a dilution
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated

TABLE 2
SUMMARY OF SVOCS IN SOIL
1328 FULTON STREET
BROOKLYN, NEW YORK

SampleID YorkID Sampling Date DilutionFactor ClientMatrix RptUnits		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives Soil mg/Kg	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential Soil mg/Kg	SB-1 0-2' 13F0125-01 6/3/2013 10 Soil mg/kg dry		SB-1 12'-14' 13F0125-02 6/3/2013 5 Soil mg/kg dry		SB-2 0-2' 13F0125-03 6/3/2013 10 Soil mg/kg dry		SB-2 12'-14' 13F0125-04 6/3/2013 5 Soil mg/kg dry		SB-3 0-2' 13F0125-05 6/3/2013 10 Soil mg/kg dry		SB-3 12'-14' 13F0125-06 6/3/2013 5 Soil mg/kg dry		SB-4 0-2' 13F0125-07 6/3/2013 10 Soil mg/kg dry		SB-4 12'-14' 13F0125-08 6/3/2013 5 Soil mg/kg dry		SB-5 0-2' 13F0125-09 6/3/2013 100 Soil mg/kg dry		SB-5 12'-14' 13F0125-10 6/3/2013 5 Soil mg/kg dry		SB-6 0-2' 13F0125-11 6/3/2013 10 Soil mg/kg dry		SB-6 12'-14' 13F0125-12 6/3/2013 5 Soil mg/kg dry		SB-7 0-2' 13F0125-13 6/3/2013 10 Soil mg/kg dry		SB-7 12'-14' 13F0125-14 6/3/2013 10 Soil mg/kg dry		S-1 0-2' 13F0125-15 6/3/2013 10 Soil mg/kg dry		S-2 0-2' 13F0125-16 6/3/2013 10 Soil mg/kg dry		DUP (Soil) 13F0125-17 6/3/2013 10 Soil mg/kg dry	
Compound	**CAS Number**			**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Semi-Volatiles, EPA TCL List		mg/kg dry	mg/kg dry	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry	
1,2,4-Trichlorobenzene	120-82-1	NS	NS	0.367	U	0.0737	U	0.347	U	0.0689	U	0.335	U	0.0747	U	0.344	U	0.0779	U	3.68	U	0.0740	U	0.342	U	0.0679	U	0.360	U	0.360	U	0.335	U	0.331	U	0.339	U
1,2-Dichlorobenzene	95-50-1	1.1	100	0.663	U	0.133	U	0.627	U	0.125	U	0.605	U	0.135	U	0.622	U	0.141	U	6.65	U	0.134	U	0.618	U	0.123	U	0.650	U	0.650	U	0.605	U	0.598	U	0.612	U
1,3-Dichlorobenzene	541-73-1	2.4	17	0.320	U	0.0643	U	0.303	U	0.0602	U	0.292	U	0.0652	U	0.301	U	0.0680	U	3.21	U	0.0646	U	0.299	U	0.0593	U	0.314	U	0.314	U	0.292	U	0.289	U	0.296	U
1,4-Dichlorobenzene	106-46-7	1.8	9.8	0.624	U	0.125	U	0.591	U	0.117	U	0.570	U	0.127	U	0.586	U	0.132	U	6.26	U	0.126	U	0.582	U	0.116	U	0.613	U	0.612	U	0.570	U	0.563	U	0.577	U
2,4,5-Trichlorophenol	95-95-4	NS	NS	0.787	U	0.158	U	0.745	U	0.148	U	0.718	U	0.160	U	0.738	U	0.167	U	7.89	U	0.159	U	0.733	U	0.146	U	0.772	U	0.771	U	0.718	U	0.709	U	0.726	U
2,4,6-Trichlorophenol	88-06-2	NS	NS	0.515	U	0.103	U	0.487	U	0.0967	U	0.470	U	0.105	U	0.483	U	0.109	U	5.16	U	0.104	U	0.480	U	0.0953	U	0.505	U	0.505	U	0.470	U	0.464	U	0.475	U
2,4-Dichlorophenol	120-83-2	NS	NS	0.827	U	0.166	U	0.783	U	0.155	U	0.755	U	0.168	U	0.776	U	0.176	U	8.29	U	0.167	U	0.771	U	0.153	U	0.812	U	0.810	U	0.755	U	0.746	U	0.764	U
2,4-Dimethylphenol	105-67-9	NS	NS	0.709	U	0.143	U	0.672	U	0.133	U	0.648	U	0.144	U	0.666	U	0.151	U	7.11	U	0.143	U	0.661	U	0.131	U	0.696	U	0.695	U	0.648	U	0.640	U	0.655	U
2,4-Dinitrophenol	51-28-5	NS	NS	0.851	U	0.171	U	0.806	U	0.160	U	0.777	U	0.173	U	0.799	U	0.181	U	8.54	U	0.172	U	0.794	U	0.158	U	0.835	U	0.834	U	0.777	U	0.768	U	0.786	U
2,4-Dinitrotoluene	121-14-2	NS	NS	0.448	U	0.0900	U	0.424	U	0.0842	U	0.409	U	0.0912	U	0.420	U	0.0951	U	4.49	U	0.0903	U	0.418	U	0.0830	U	0.440	U	0.439	U	0.409	U	0.404	U	0.414	U
2,6-Dinitrotoluene	606-20-2	NS	NS	0.521	U	0.105	U	0.493	U	0.0979	U	0.476	U	0.106	U	0.489	U	0.111	U	5.22	U	0.105	U	0.486	U	0.0965	U	0.511	U	0.511	U	0.476	U	0.470	U	0.481	U
2-Chloronaphthalene	91-58-7	NS	NS	0.547	U	0.110	U	0.518	U	0.103	U	0.500	U	0.111	U	0.514	U	0.116	U	5.49	U	0.110	U	0.510	U	0.101	U	0.537	U	0.536	U	0.500	U	0.493	U	0.505	U
2-Chlorophenol	95-57-8	NS	NS	0.334	U	0.0672	U	0.317	U	0.0628	U	0.305	U	0.0681	U	0.314	U	0.0710	U	3.35	U	0.0674	U	0.312	U	0.0619	U	0.328	U	0.328	U	0.305	U	0.302	U	0.309	U
2-Methylnaphthalene	91-57-6	NS	NS	0.778	U	0.156	U	0.737	U	0.146	U	0.711	U	0.159	U	0.730	U	0.165	U	7.81	U	0.157	U	0.726	U	0.144	U	0.764	U	0.763	U	0.711	U	0.702	U	0.719	U
2-Methylphenol	95-48-7	0.33	100	0.385	U	0.0774	U	0.365	U	0.0724	U	0.352	U	0.0784	U	0.361	U	0.0817	U	3.86	U	0.0777	U	0.359	U	0.0713	U	0.378	U	0.377	U	0.352	U	0.347	U	0.356	U
2-Nitroaniline	88-74-4	NS	NS	0.884	U	0.178	U	0.837	U	0.166	U	0.807	U	0.180	U	0.829	U	0.188	U	8.86	U	0.178	U	0.824	U	0.164	U	0.867	U	0.866	U	0.807	U	0.797	U	0.816	U
2-Nitrophenol	88-75-5	NS	NS	0.276	U	0.0554	U	0.261	U	0.0518	U	0.252	U	0.0561	U	0.259	U	0.0585	U	2.76	U	0.0556	U	0.257	U	0.0510	U	0.271	U	0.270	U	0.252	U	0.249	U	0.255	U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	0.531	U	0.107	U	0.503	U	0.0998	U	0.485	U	0.108	U	0.498	U	0.113	U	5.33	U	0.107	U	0.495	U	0.0983	U	0.521	U	0.520	U	0.485	U	0.479	U	0.490	U
3- & 4-Methylphenols	65794-96-9	NS	NS	0.440	U	0.0884	U	0.416	U	0.0826	U	0.402	U	0.0896	U	0.413	U	0.0934	U	4.41	U	0.0887	U	0.410	U	0.0814	U	0.432	U	0.431	U	0.402	U	0.397	U	0.406	U
3-Nitroaniline	99-09-2	NS	NS	1.01	U	0.202	U	0.954	U	0.189	U	0.920	U	0.205	U	0.945	U	0.214	U	10.1	U	0.203	U	0.939	U	0.187	U	0.989	U	0.987	U	0.920	U	0.908	U	0.930	U
4,6-Dinitro-2-methylphenol	534-52-1	NS	NS	1.28	U	0.257	U	1.21	U	0.240	U	1.17	U	0.260	U	1.20	U	0.271	U	12.8	U	0.257	U	1.19	U	0.236	U	1.25	U	1.25	U	1.17	U	1.15	U	1.18	U
4-Bromophenyl phenyl ether	101-55-3	NS	NS	0.489	U	0.0981	U	0.462	U	0.0918	U	0.446	U	0.0995	U	0.458	U	0.104	U	4.90	U	0.0985	U	0.455	U	0.0905	U	0.479	U	0.479	U	0.446	U	0.440	U	0.451	U
4-Chloro-3-methylphenol	59-50-7	NS	NS	0.683	U	0.137	U	0.647	U	0.128	U	0.624	U	0.139	U	0.641	U	0.145	U	6.85	U	0.138	U	0.637	U	0.126	U	0.670	U	0.669	U	0.624	U	0.616	U	0.631	U
4-Chloroaniline	106-47-8	NS	NS	0.264	U	0.0529	U	0.249	U	0.0495	U	0.241	U	0.0537	U	0.247	U	0.0559	U	2.64	U	0.0531	U	0.246	U	0.0488	U	0.259	U	0.258	U	0.241	U	0.238	U	0.243	U
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	0.594	U	0.119	U	0.562	U	0.112	U	0.542	U	0.121	U	0.557	U	0.126	U	5.96	U	0.120	U	0.554	U	0.110	U	0.583	U	0.582	U	0.542	U	0.535	U	0.548	U
4-Nitroaniline	100-01-6	NS	NS	0.420	U	0.0843	U	0.397	U	0.0788	U	0.383	U	0.0855	U	0.394	U	0.0891	U	4.21	U	0.0846	U	0.391	U	0.0777	U	0.412	U	0.411	U	0.383	U	0.378	U	0.387	U
4-Nitrophenol	100-02-7	NS	NS	0.381	U	0.0766	U	0.361	U	0.0716	U	0.348	U	0.0776	U	0.358	U	0.0809	U	3.82	U	0.0768	U	0.355	U	0.0706	U	0.374	U	0.373	U	0.348	U	0.344	U	0.352	U
Acenaphthene	83-32-9	20	100	0.367	U	0.0737	U	0.347	U	0.0689	U	0.335	U	0.0747	U	0.344	U	0.0779	U	5.26	J,D	0.0740	U	0.342	U	0.0679	U	0.360	U	0.360	U	0.335	U	0.331	U	0.339	U
Acenaphthylene	208-96-8	100	100	0.486	U	0.0977	U	0.461	U	0.0914	U	0.444	U	0.0991	U	0.456	U	0.103	U	4.88	U	0.0981	U	0.454	U	0.0901	U	0.477	U	0.477	U	0.444	U	0.439	U	0.449	U
Anthracene	120-12-7	100	100	0.553	U	0.111	U	0.524	U	0.104	U	**1.19**	D	0.113	U	**0.841**	J,D	0.117	U	11.6	D	0.112	U	1.27	D	0.102	U	0.949	J,D	0.542	U	0.505	U	0.499	U	0.822	J,D
Benzo(a)anthracene	56-55-3	1	1	**2.12**	D	0.0762	U	**1.12**	D	0.0712	U	**4.32**	D	0.0772	U	**4.72**	D	0.0804	U	**18.2**	D	0.0764	U	**3.27**	D	0.0702	U	**2.57**	D	0.870	J,D	0.346	U	0.387	J,D	**2.84**	D
Benzo(a)pyrene	50-32-8	1	1	**2.24**	D	0.0806	U	**1.37**	D	0.0754	U	**3.66**	D	0.0817	U	**3.48**	D	0.0852	U	**12.0**	D	0.0809	U	**2.42**	D	0.0743	U	**2.12**	D	0.393	U	0.366	U	0.439	J,D	**2.79**	D
Benzo(b)fluoranthene	205-99-2	1	1	**1.81**	D	0.171	U	**0.936**	J,D	0.160	U	**3.12**	D	0.173	U	**3.14**	D	0.180	U	**15.6**	D	0.171	U	**1.96**	D	0.157	U	**1.47**	D	0.832	U	0.776	U	0.766	U	**2.16**	D
Benzo(g,h,i)perylene	191-24-2	100	100	**1.31**	D	0.0676	U	**0.831**	J,D	0.0632	U	**1.40**	D	0.0685	U	**0.883**	J,D	0.0714	U	**5.02**	J,D	0.0678	U	0.540	J,D	0.0623	U	0.408	J,D	0.330	U	0.307	U	0.303	U	0.348	J,D
Benzo(k)fluoranthene	207-08-9	0.8	1	**1.57**	D	0.204	U	0.959	U	0.190	U	**2.48**	D	0.206	U	**2.40**	D	0.215	U	**13.1**	D	0.204	U	**1.84**	D	0.188	U	**1.59**	D	0.993	U	0.925	U	0.914	U	**2.64**	D
Benzoic acid	65-85-0	NS	NS	0.693	U	0.139	U	0.656	U	0.130	U	0.633	U	0.141	U	0.650	U	0.147	U	6.95	U	0.140	U	0.646	U	0.128	U	0.680	U	0.679	U	0.633	U	0.625	U	0.640	U
Benzyl alcohol	100-51-6	NS	NS	1.01	U	0.204	U	0.959	U	0.190	U	0.925	U	0.206	U	0.951	U	0.215	U	10.2	U	0.204	U	0.945	U	0.188	U	0.995	U	0.993	U	0.925	U	0.914	U	0.936	U
Benzyl butyl phthalate	85-68-7	NS	NS	0.559	U	0.112	U	0.530	U	0.105	U	0.511	U	0.114	U	**1.05**	D	0.119	U	5.61	U	0.113	U	0.522	U	0.104	U	0.549	U	0.548	U	0.511	U	0.504	U	0.517	U
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	0.349	U	0.0700	U	0.330	U	0.0655	U	0.318	U	0.0710	U	0.327	U	0.0740	U	3.50	U	0.0703	U	0.325	U	0.0646	U	0.342	U	0.342	U	0.318	U	0.314	U	0.322	U
Bis(2-chloroethyl)ether	111-44-4	NS	NS	0.517	U	0.104	U	0.489	U	0.0971	U	0.472	U	0.105	U	0.485	U	0.110	U	5.18	U	0.104	U	0.482	U	0.0957	U	0.507	U	0.507	U	0.472	U	0.466	U	0.477	U
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	0.357	U	0.0717	U	0.338	U	0.0670	U	0.326	U	0.0727	U	0.335	U	0.0757	U	3.58	U	0.0719	U	0.333	U	0.0661	U	0.350	U	0.350	U	0.326	U	0.322	U	0.329	U
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	0.699	U	0.140	U	0.662	U	0.131	U	0.639	U	0.142	U	**5.32**	D	0.148	U	12.6	D	0.141	U	0.652	U	0.129	U	0.686	U	0.685	U	0.639	U	0.631	U	0.646	U
Chrysene	218-01-9	1	1	**1.98**	D	0.0937	U	**1.04**	D	0.0876	U	**3.77**	D	0.0950	U	**4.43**	D	0.0989	U	**17.7**	D	0.0940	U	**2.70**	D	0.0863	U	**2.68**	D	**0.862**	J,D	0.426	U	**0.437**	J,D	**2.83**	D
Di-n-butyl phthalate	84-74-2	NS	NS	0.411	U	0.0827	U	0.390	U	0.0773	U	0.376	U	0.0838	U	0.386	U	0.0873	U	4.13	U	0.0830	U	0.384	U	0.0762	U	0.404	U	0.403	U	0.376	U	0.371	U	0.380	U
Di-n-octyl phthalate	117-84-0	NS	NS	1.01	U	0.204	U	0.959	U	0.190	U	0.925	U	0.206	U	0.951	U	0.215	U	10.2	U	0.204	U	0.945	U	0.188	U	0.995	U	0.993	U	0.925	U	0.914	U	0.936	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.407	U	0.0819	U	0.386	U	0.0765	U	0.372	U	0.0830	U	0.382	U	0.0865	U	4.09	U	0.0822	U	0.380	U	0.0754	U	0.400	U	0.399	U	0.372	U	0.367	U	0.376	U
Dibenzofuran	132-64-9	7	14	0.472	U	0.0949	U	0.447	U	0.0887	U	0.431	U	0.0962	U	0.443	U	0.100	U	4.74	U	0.0952	U	0.440	U	0.0875	U	0.463	U	0.463	U	0.431	U	0.426	U	0.436	U
Diethyl phthalate	84-66-2	NS	NS	0.637	U	0.128	U	0.603	U	0.120	U	0.581	U	0.130	U	0.597	U	0.135	U	6.38	U	0.128	U	0.593	U	0.118	U	0.625	U	0.624	U	0.581	U	0.574	U	0.588	U
Dimethyl phthalate	131-11-3	NS	NS	0.452	U	0.0908	U	**0.990**	D	0.0849	U	0.413	U	0.0921	U	0.424	U	0.0959	U	4.53	U	0.0911	U	0.421	U	0.0837	U	0.444	U	0.443	U	0.413	U	0.408	U	0.417	U
Fluoranthene	206-44-0	100	100	**3.46**	D	0.119	U	**1.94**	D	0.112	U	**8.57**	D	0.121	U	**8.66**	D	0.126	U	**43.3**	D	0.120	U	**6.47**	D	0.110	U	**6.03**	D	**2.02**	D	0.542	U	**0.797**	J,D	**4.92**	D
Fluorene	86-73-7	30	100	0.486	U	0.0977	U	0.461	U	0.0914	U	0.444	U	0.0991	U	0.456	U	0.103	U	**8.80**	J,D	0.0981	U	0.454	U	0.0901	U	0.477	U	0.477	U	0.444	U	0.439	U	0.449	U
Hexachlorobenzene	118-74-1	0.33	0.33	0.598	U	0.120	U	0.566	U	0.112	U	0.546	U	0.122	U	0.561	U	0.127	U	6.00	U	0.121	U	0.558	U	0.111	U	0.587	U	0.586	U	0.546	U	0.539	U	0.552	U
Hexachlorobutadiene	87-68-3	NS	NS	0.343	U	0.0688	U	0.324	U	0.0644	U	0.313	U	0.0698	U	0.321	U	0.0727	U	3.44	U	0.0691	U	0.319	U	0.0634	U	0.336	U	0.336	U	0.313	U	0.309	U	0.316	U
Hexachlorocyclopentadiene	77-47-4	NS	NS	0.754	U	0.151	U	0.714	U	0.142	U	0.688	U	0.154	U	0.708	U	0.160	U	7.56	U	0.152	U	0.703	U	0.140	U	0.740	U	0.739	U	0.689	U	0.680	U	0.696	U
Hexachloroethane	67-72-1	NS	NS	0.290	U	0.0582	U	0.274	U	0.0545	U	0.265	U	0.0590	U	0.272	U	0.0615	U	2.91	U	0.0584	U	0.270	U	0.0537	U	0.284	U	0.284	U	0.265	U	0.261	U	0.268	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	**1.29**	D	0.0929	U	**0.864**	J,D	0.0868	U	**1.60**	D	0.0941	U	**1.05**	D	0.0981	U	**4.72**	J,D	0.0932	U	**0.726**	J,D	0.0856	U	**0.587**	J,D	0.453	U	0.422	U	0.417	U	**0.490**	J,D
Isophorone	78-59-1	NS	NS	0.349	U	0.0700	U	0.330	U	0.0655	U	0.318	U	0.0710	U	**0.612**	J,D	0.0740	U	3.50	U	0.0703	U	0.325	U	0.0646	U	0.342	U	0.342	U	0.318	U	0.314	U	0.322	U
N-nitroso-di-n-propylamine	621-64-7	NS	NS	0.339	U	0.0680	U	0.320	U	0.0636	U	0.309	U	0.0689	U	0.318	U	0.0718	U	3.39	U	0.0683	U	0.316	U	0.0627	U	0.332	U	0.332	U	0.309	U	0.305	U	0.313	U
N-Nitrosodiphenylamine	86-30-6	NS	NS	0.458	U	0.0920	U	0.434	U	0.0861	U	0.418	U	0.0933	U	0.430	U	0.0972	U	4.59	U	0.0924	U	0.427	U	0.0848	U	0.450	U	0.449	U	0.418	U	0.413	U	0.423	U
Naphthalene	91-20-3	12	100	0.249	U	0.0501	U	0.236	U	0.0468	U	0.228	U	0.0508	U	0.234	U	0.0529	U	2.50	U	0.0503	U	0.232	U	0.0462	U	0.245	U	0.244	U	0.228	U	0.225	U	0.230	U
Nitrobenzene	98-95-3	NS	NS	0.298	U	0.0599	U	0.282	U	0.0560	U	0.272	U	0.0607	U	0.280	U	0.0632	U	2.99	U	0.0601	U	0.278	U	0.0552	U	0.292	U	0.292	U	0.272	U	0.269	U	0.275	U
Pentachlorophenol	87-86-5	0.8	2.4	0.764	U	0.154	U	0.723	U	0.144	U	0.698	U	0.156	U	0.717	U	0.162	U	7.66	U	0.154	U	0.712	U	0.142	U	0.750	U	0.749	U	0.698	U	0.689	U	0.706	U
Phenanthrene	85-01-8	100	100	**1.60**	D	0.106	U	**0.917**	J,D	0.0994	U	**6.12**	D	0.108	U	**3.54**	D	0.112	U	**48.7**	D	0.107	U	**5.37**	D	0.0980	U	**4.03**	D	**1.23**	D	0.483	U	0.477	U	**3.30**	D
Phenol	108-95-2	0.33	100	0.438	U	0.0880	U	0.414	U	0.0823	U	0.400	U	0.0892	U	0.411	U	0.0929	U	4.39	U	0.0883	U	0.408	U	0.0811	U	0.430	U	0.429	U	0.400	U	0.395	U	0.404	U
Pyrene	129-00-0	100	100	**3.55**	D	0.0831	U	**1.80**	D	0.0777	U	**8.43**	D	0.0842	U	**8.88**	D	0.0878	U	**53.2**	D	0.0834	U	**6.68**	D	0.0766	U	5.54	D	2.29	D	0.381	J,D	0.932	D	5.94	D

NOTES:
mg/kg - milligram per kilogram (ppm)
NS - No Standard
Bold = Concentration deteced above laboratory method detection limit (MDL)
Shading = Concentration exceeds Subpart 375-6 Unrestricted Use SCOs
Underline = Concentration exceeds Subpart 375-6 Restricted-Residential Use SCOs
Q is the Qualifier Column with definitions as follows:
B=analyte found in the analysis batch blank
D=result is from an analysis that required a dilution
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated

TABLE 3
SUMMARY OF METAL IN SOIL
1328 FULTON STREET
BROOKLYN, NEW YORK

SampleID YorkID Sampling Date DilutionFactor ClientMatrix RptUnits		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives Soil mg/Kg	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential Soil mg/Kg	SB-1 0-2' 13F0125-01 6/3/2013 10 Soil mg/kg dry		SB-1 12'-14' 13F0125-02 6/3/2013 5 Soil mg/kg dry		SB-2 0-2' 13F0125-03 6/3/2013 10 Soil mg/kg dry		SB-2 12'-14' 13F0125-04 6/3/2013 5 Soil mg/kg dry		SB-3 0-2' 13F0125-05 6/3/2013 10 Soil mg/kg dry		SB-3 12'-14' 13F0125-06 6/3/2013 5 Soil mg/kg dry		SB-4 0-2' 13F0125-07 6/3/2013 10 Soil mg/kg dry		SB-4 12'-14' 13F0125-08 6/3/2013 5 Soil mg/kg dry		SB-5 0-2' 13F0125-09 6/3/2013 100 Soil mg/kg dry		SB-5 12'-14' 13F0125-10 6/3/2013 5 Soil mg/kg dry		SB-6 0-2' 13F0125-11 6/3/2013 10 Soil mg/kg dry		SB-6 12'-14' 13F0125-12 6/3/2013 5 Soil mg/kg dry		SB-7 0-2' 13F0125-13 6/3/2013 10 Soil mg/kg dry		SB-7 12'-14' 13F0125-14 6/3/2013 10 Soil mg/kg dry		S-1 0-2' 13F0125-15 6/3/2013 10 Soil mg/kg dry		S-2 0-2' 13F0125-16 6/3/2013 10 Soil mg/kg dry		DUP (Soil) 13F0125-17 6/3/2013 10 Soil mg/kg dry	
Compound	**CAS Number**			**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Metals, Target Analyte		mg/kg dry	mg/kg dry	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry	
Aluminum	7429-90-5	NS	NS	**5200**		**4900**		**7720**		**4720**		**6030**		**12900**		6590		**9790**		**10800**		**5230**		**5440**		**4290**		**7310**		**7580**		**6530**		**5920**		**5210**	
Antimony	7440-36-0	NS	NS	0.268	U	0.269	U	**0.783**		0.251	U	0.244	U	0.272	U	**0.601**		0.284	U	**0.929**		0.270	U	0.249	U	0.248	U	0.263	U	0.262	U	0.244	U	**0.809**		0.247	U
Arsenic	7440-38-2	13	16	**7.23**		**2.31**		**4.92**		**2.53**		**5.95**		**4.46**		**4.28**		**4.04**		**5.73**		**1.84**		**3.96**		**2.19**		**4.63**		**5.79**		**3.56**		**3.96**		**4.60**	
Barium	7440-39-3	350	350	**898**		**19.2**		**541**		**26.9**		**297**		**70.2**		**345**		**61.6**		**591**		**30.8**		**378**		**16.2**		**470**		**463**		**306**		**62.2**		**456**	
Beryllium	7440-41-7	7.2	14	0.122	U	0.122	U	0.115	U	0.114	U	0.111	U	0.124	U	0.114	U	0.129	U	0.122	U	0.123	U	0.113	U	0.113	U	0.119	U	0.119	U	0.111	U	0.110	U	0.112	U
Cadmium	7440-43-9	2.5	2.5	0.122	U	0.122	U	0.115	U	0.114	U	0.111	U	0.124	U	0.114	U	0.129	U	0.122	U	0.123	U	0.113	U	0.113	U	0.119	U	0.119	U	0.111	U	0.110	U	0.112	U
Calcium	7440-70-2	NS	NS	**44500**		**381**		**36600**		**249**		**28300**		**1200**		**54300**		**964**		**34500**		**338**		**46000**		**412**		**26200**		**31900**		**55100**		**94700**	E	**22000**	
Chromium	7440-47-3	NS	NS	**12.5**		**9.02**		**15.5**		**10.9**		**26.5**		**21.5**		**16.7**		**27.7**		**14.0**		**10.0**		**15.3**		**7.60**		**14.3**		**13.1**		**10.9**		**15.6**		**14.1**	
Cobalt	7440-48-4	NS	NS	**3.50**		**5.07**		**5.78**		**6.31**		**9.86**		**18.2**		**4.86**		**10.3**		**4.32**		**5.43**		**3.79**		**4.08**		**4.65**		**3.93**		**4.79**		**4.27**		**4.52**	
Copper	7440-50-8	50	270	**15.6**		**9.07**		**20.6**		**9.56**		**116**		**24.4**		**27.5**		**23.8**		**1640**	E	**7.96**		**11.3**		**7.90**		**26.5**		**21.5**		**11.4**		**27.2**		**26.8**	
Iron	7439-89-6	NS	NS	**53900**	E	**13500**		**16700**		**15200**		**55200**	E	**26200**	E	**16800**		**28400**	E	**33500**	E	**14100**		**10300**		**12500**		**13400**		**16300**		**10900**		**8910**		**12900**	
Lead	7439-92-1	63	400	**1910**		**4.17**		**285**		**3.59**		**99.7**		**10.8**		**206**		**7.97**		**368**		**3.79**		**236**		**3.77**		**289**		**226**		**38.1**		**45.2**		**282**	
Magnesium	7439-95-4	NS	NS	**7080**		**1550**		**4190**		**1750**		**4900**		**4150**		**6330**		**3590**		**3760**		**1900**		**7110**		**1240**		**4030**		**4320**		**10100**		**16300**		**2340**	
Manganese	7439-96-5	1600	2000	**389**		**247**		**310**		**321**		**435**		**344**		**286**		**139**		**390**		**303**		**197**		**215**		**237**		**210**		**498**		**196**		**266**	
Nickel	7440-02-0	30	140	**7.13**		**8.84**		**18.2**		**10.1**		**24.6**		**18.2**		**14.3**		**27.3**		**12.4**		**11.4**		**13.3**		**8.82**		**14.0**		**15.4**		**16.4**		**15.7**		**12.5**	
Potassium	7440-09-7	NS	NS	**741**		**553**		**947**		**722**		**608**		**1690**		**1100**		**1890**		**676**		**849**		**1570**		**392**		**891**		**982**		**1340**		**870**		**647**	
Selenium	7782-49-2	3.9	36	**4.95**		**2.09**		**1.84**		**2.37**		**3.73**		**3.63**		**2.13**		**4.03**		**3.48**		**2.20**		0.567	U	**2.13**		**1.50**		**1.75**		**0.751**		0.548	U	**1.91**	
Silver	7440-22-4	2	36	0.122	U	0.122	U	0.115	U	0.114	U	0.111	U	0.124	U	0.114	U	0.129	U	0.122	U	0.123	U	0.113	U	0.113	U	0.119	U	0.119	U	0.111	U	**8.57**		0.112	U
Sodium	7440-23-5	NS	NS	**230**		**70.2**		**375**		**76.5**		**184**		**90.0**		**242**		**99.2**		**224**		**75.8**		**453**		**44.2**		**566**		**881**		**242**		**306**		**206**	
Thallium	7440-28-0	NS	NS	0.389	U	0.391	U	0.368	U	0.366	U	0.355	U	0.396	U	0.365	U	0.413	U	0.390	U	0.392	U	0.363	U	0.360	U	0.382	U	0.381	U	0.355	U	0.351	U	0.359	U
Vanadium	7440-62-2	NS	NS	**15.8**		**15.5**		**26.5**		**16.7**		**14.7**		**39.8**		**21.9**		**32.2**		**20.3**		**16.5**		**13.9**		**11.9**		**20.0**		**15.6**		**16.6**		**17.0**		**24.7**	
Zinc	7440-66-6	109	2200	**522**		**21.7**		**227**		**23.6**		**141**		**56.1**		**249**		**66.7**		**396**		**24.0**		**163**		**19.5**		**266**		**290**		**176**		**57.9**		**269**	
Mercury by 7470/7471		mg/kg dry	mg/kg dry	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry	
Mercury	7439-97-6	0.18	0.81	0.0401	U	0.0403	U	0.0380	U	0.0377	U	0.0366	U	0.0409	U	0.0377	U	0.0426	U	0.0402	U	0.0405	U	0.0374	U	0.0372	U	0.143		0.0393	U	0.0366	U	0.0362	U	0.0371	U
Total Solids		%	%	%		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%		%	
% Solids	solids	~	~	82.2		81.9		86.9		87.5		90.1		80.7		87.6		77.5		82.0		81.6		88.2		88.8		83.8		83.9		90.0		91.2		89.0	

NOTES:

mg/kg - milligram per kilogram (ppm)

NS - No Standard

Bold = Concentration deteced above laboratory method detection limit (MDL)

Shading = Concentration exceeds Subpart 375-6 Unrestricted Use SCOs

Underline = Concentration exceeds Subpart 375-6 Restricted-Residential Use SCOs

Q is the Qualifier Column with definitions as follows:

B=analyte found in the analysis batch blank

D=result is from an analysis that required a dilution

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

D=result is from an analysis that required a dilution

E=result is estimated and cannot be accurately reported due to levels encountered or interferences

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

TABLE 4
SUMMARY OF PCBS IN SOIL
1328 FULTON STREET
BROOKLYN, NEW YORK

SampleID YorkID Sampling Date DilutionFactor ClientMatrix RptUnits		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives Soil mg/Kg	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential Soil mg/Kg	SB-1 0-2' 13F0125-01 6/3/2013 10 Soil mg/kg dry		SB-1 12'-14' 13F0125-02 6/3/2013 5 Soil mg/kg dry		SB-2 0-2' 13F0125-03 6/3/2013 10 Soil mg/kg dry		SB-2 12'-14' 13F0125-04 6/3/2013 5 Soil mg/kg dry		SB-3 0-2' 13F0125-05 6/3/2013 10 Soil mg/kg dry		SB-3 12'-14' 13F0125-06 6/3/2013 5 Soil mg/kg dry		SB-4 0-2' 13F0125-07 6/3/2013 10 Soil mg/kg dry		SB-4 12'-14' 13F0125-08 6/3/2013 5 Soil mg/kg dry		SB-5 0-2' 13F0125-09 6/3/2013 100 Soil mg/kg dry		SB-5 12'-14' 13F0125-10 6/3/2013 5 Soil mg/kg dry		SB-6 0-2' 13F0125-11 6/3/2013 10 Soil mg/kg dry		SB-6 12'-14' 13F0125-12 6/3/2013 5 Soil mg/kg dry		SB-7 0-2' 13F0125-13 6/3/2013 10 Soil mg/kg dry		SB-7 12'-14' 13F0125-14 6/3/2013 10 Soil mg/kg dry		S-1 0-2' 13F0125-15 6/3/2013 10 Soil mg/kg dry		S-2 0-2' 13F0125-16 6/3/2013 10 Soil mg/kg dry		DUP (Soil) 13F0125-17 6/3/2013 10 Soil mg/kg dry	
Compound	**CAS Number**			**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
PCBs, EPA TCL List		mg/kg dry	mg/kg dry	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry	
Aroclor 1016	12674-11-2	0.1	1	0.310	U	0.0312	U	0.294	U	0.0291	U	0.283	U	0.0316	U	0.291	U	0.0329	U	0.311	U	0.0313	U	0.289	U	0.0287	U	0.304	U	0.304	U	0.283	U	0.280	U	0.286	U
Aroclor 1221	11104-28-2	0.1	1	0.310	U	0.0312	U	0.294	U	0.0291	U	0.283	U	0.0316	U	0.291	U	0.0329	U	0.311	U	0.0313	U	0.289	U	0.0287	U	0.304	U	0.304	U	0.283	U	0.280	U	0.286	U
Aroclor 1232	11141-16-5	0.1	1	0.310	U	0.0312	U	0.294	U	0.0291	U	0.283	U	0.0316	U	0.291	U	0.0329	U	0.311	U	0.0313	U	0.289	U	0.0287	U	0.304	U	0.304	U	0.283	U	0.280	U	0.286	U
Aroclor 1242	53469-21-9	0.1	1	0.310	U	0.0312	U	0.294	U	0.0291	U	0.283	U	0.0316	U	0.291	U	0.0329	U	0.311	U	0.0313	U	0.289	U	0.0287	U	0.304	U	0.304	U	0.283	U	0.280	U	0.286	U
Aroclor 1248	12672-29-6	0.1	1	0.310	U	0.0312	U	0.294	U	0.0291	U	0.283	U	0.0316	U	0.291	U	0.0329	U	0.311	U	0.0313	U	0.289	U	0.0287	U	0.304	U	0.304	U	0.283	U	0.280	U	0.286	U
Aroclor 1254	11097-69-1	0.1	1	0.310	U	0.0312	U	0.294	U	0.0291	U	0.283	U	0.0316	U	0.291	U	0.0329	U	0.311	U	0.0313	U	0.289	U	0.0287	U	0.304	U	0.304	U	0.283	U	0.280	U	0.286	U
Aroclor 1260	11096-82-5	0.1	1	0.310	U	0.0312	U	0.294	U	0.0291	U	0.283	U	0.0316	U	0.291	U	0.0329	U	0.311	U	0.0313	U	0.289	U	0.0287	U	0.304	U	0.304	U	0.283	U	0.280	U	0.286	U
Total PCBs	1336-36-3	0.1	1	0.124	U	0.0125	U	0.117	U	0.0117	U	0.113	U	0.0126	U	0.116	U	0.0132	U	0.124	U	0.0125	U	0.116	U	0.0115	U	0.122	U	0.122	U	0.113	U	0.112	U	0.115	U

NOTES:
mg/kg - milligram per kilogram (ppm)
NS - No Standard
Bold = Concentration deteced above laboratory method detection limit (MDL)
Shading = Concentration exceeds Subpart 375-6 Unrestricted Use SCOs
Underline = Concentration exceeds Subpart 375-6 Restricted-Residential Use SCOs
Q is the Qualifier Column with definitions as follows:
B=analyte found in the analysis batch blank
D=result is from an analysis that required a dilution
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated

* Disclaimer

TABLE 5
SUMMARY OF PESTICIDES IN SOIL
1328 FULTON STREET
BROOKLYN, NEW YORK

SampleID YorkID Sampling Date DilutionFactor ClientMatrix RptUnits		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives Soil mg/Kg	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Residential Soil mg/Kg	SB-1 0-2' 13F0125-01 6/3/2013 10 Soil mg/kg dry		SB-1 12'-14' 13F0125-02 6/3/2013 5 Soil mg/kg dry		SB-2 0-2' 13F0125-03 6/3/2013 10 Soil mg/kg dry		SB-2 12'-14' 13F0125-04 6/3/2013 5 Soil mg/kg dry		SB-3 0-2' 13F0125-05 6/3/2013 10 Soil mg/kg dry		SB-3 12'-14' 13F0125-06 6/3/2013 5 Soil mg/kg dry		SB-4 0-2' 13F0125-07 6/3/2013 10 Soil mg/kg dry		SB-4 12'-14' 13F0125-08 6/3/2013 5 Soil mg/kg dry		SB-5 0-2' 13F0125-09 6/3/2013 100 Soil mg/kg dry		SB-5 12'-14' 13F0125-10 6/3/2013 5 Soil mg/kg dry		SB-6 0-2' 13F0125-11 6/3/2013 10 Soil mg/kg dry		SB-6 12'-14' 13F0125-12 6/3/2013 5 Soil mg/kg dry		SB-7 0-2' 13F0125-13 6/3/2013 10 Soil mg/kg dry		SB-7 12'-14' 13F0125-14 6/3/2013 10 Soil mg/kg dry		S-1 0-2' 13F0125-15 6/3/2013 10 Soil mg/kg dry		S-2 0-2' 13F0125-16 6/3/2013 10 Soil mg/kg dry		DUP (Soil) 13F0125-17 6/3/2013 10 Soil mg/kg dry	
Compound	**CAS Number**			**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Pesticides, EPA TCL List		mg/kg dry	mg/kg dry	mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry	
4,4'-DDD	72-54-8	0.0033	2.6	0.00301	U	0.00302	U	**0.445**	D	0.00283	U	**0.116**	D	0.00307	U	**0.296**	D	0.00319	U	**0.302**	D	0.00303	U	**0.0485**	D	0.00279	U	**0.228**	D	**0.188**	D	**0.00417**	D	0.00271	U	**0.0641**	D
4,4'-DDE	72-55-9	0.0033	1.8	**0.116**	D	0.00302	U	**0.0430**	D	0.00283	U	**0.0631**	D	0.00307	U	**0.0911**	D	0.00319	U	**0.0791**	D	0.00303	U	**0.0625**	D	0.00279	U	**0.186**	D	**0.100**	D	**0.0303**	D	**0.0123**	D	**0.0535**	D
4,4'-DDT	50-29-3	0.0033	1.7	**0.244**	D	0.00302	U	**0.0292**	D	0.00283	U	**0.466**	D	0.00307	U	**0.0936**	D	0.00319	U	0.00302	U	0.00303	U	**0.139**	D	0.00279	U	**0.0430**	D	**0.132**	D	**0.0700**	D	**0.00838**	D	**0.101**	D
Aldrin	309-00-2	0.005	0.019	0.00301	U	0.00302	U	0.00285	U	0.00283	U	0.00275	U	0.00307	U	0.00282	U	0.00319	U	0.00302	U	0.00303	U	0.00281	U	0.00279	U	0.00295	U	0.00295	U	0.00275	U	0.00271	U	0.00278	U
alpha-BHC	319-84-6	0.02	0.097	0.00301	U	0.00302	U	0.00285	U	0.00283	U	0.00275	U	0.00307	U	0.00282	U	0.00319	U	0.00302	U	0.00303	U	0.00281	U	0.00279	U	0.00295	U	0.00295	U	0.00275	U	0.00271	U	0.00278	U
beta-BHC	319-85-7	0.036	0.072	0.00301	U	0.00302	U	0.00285	U	0.00283	U	0.00275	U	0.00307	U	0.00282	U	0.00319	U	0.00302	U	0.00303	U	0.00281	U	0.00279	U	0.00295	U	0.00295	U	0.00275	U	0.00271	U	0.00278	U
Chlordane, total	57-74-9	NS	NS	0.0120	U	0.0121	U	0.0114	U	0.0113	U	0.0110	U	0.0123	U	0.0113	U	0.0128	U	0.0121	U	0.0121	U	0.0112	U	0.0111	U	0.0118	U	0.0118	U	0.0110	U	0.0109	U	0.0111	U
delta-BHC	319-86-8	0.04	100	0.00301	U	0.00302	U	0.00285	U	0.00283	U	0.00275	U	0.00307	U	0.00282	U	0.00319	U	0.00302	U	0.00303	U	0.00281	U	0.00279	U	0.00295	U	0.00295	U	0.00275	U	0.00271	U	0.00278	U
Dieldrin	60-57-1	0.005	0.039	**0.0158**	D	0.00302	U	0.00285	U	0.00283	U	0.00275	U	0.00307	U	**0.0629**	D	0.00319	U	0.00302	U	0.00303	U	**0.0169**	D	0.00279	U	0.00295	U	0.00295	U	**0.00348**	D	0.00271	U	0.00278	U
Endosulfan I	959-98-8	2.4	4.8	0.00301	U	0.00302	U	0.00285	U	0.00283	U	0.00275	U	0.00307	U	0.00282	U	0.00319	U	0.00302	U	0.00303	U	0.00281	U	0.00279	U	0.00295	U	0.00295	U	0.00275	U	0.00271	U	0.00278	U
Endosulfan II	33213-65-9	2.4	4.8	0.00301	U	0.00302	U	0.00285	U	0.00283	U	0.00275	U	0.00307	U	0.00282	U	0.00319	U	0.00302	U	0.00303	U	0.00281	U	0.00279	U	0.00295	U	0.00295	U	0.00275	U	0.00271	U	0.00278	U
Endosulfan sulfate	1031-07-8	2.4	4.8	0.00301	U	0.00302	U	0.00285	U	0.00283	U	0.00275	U	0.00307	U	0.00282	U	0.00319	U	0.00302	U	0.00303	U	0.00281	U	0.00279	U	0.00295	U	0.00295	U	0.00275	U	0.00271	U	0.00278	U
Endrin	72-20-8	0.014	2.2	**0.0443**	D	0.00302	U	0.00285	U	0.00283	U	0.00275	U	0.00307	U	0.00282	U	0.00319	U	0.00302	U	0.00303	U	0.00281	U	0.00279	U	0.00295	U	0.00295	U	0.00275	U	0.00271	U	0.00278	U
Endrin aldehyde	7421-93-4	NS	NS	0.00301	U	0.00302	U	0.00285	U	0.00283	U	0.00275	U	0.00307	U	0.00282	U	0.00319	U	0.00302	U	0.00303	U	0.00281	U	0.00279	U	0.00295	U	0.00295	U	0.00275	U	0.00271	U	0.00278	U
Endrin ketone	53494-70-5	NS	NS	0.00301	U	0.00302	U	**0.0131**	D	0.00283	U	0.00275	U	0.00307	U	0.00282	U	0.00319	U	0.00302	U	0.00303	U	0.00281	U	0.00279	U	0.00295	U	0.00295	U	0.00275	U	0.00271	U	0.00278	U
gamma-BHC (Lindane)	58-89-9	0.1	0.28	0.00301	U	0.00302	U	0.00285	U	0.00283	U	0.00275	U	0.00307	U	0.00282	U	0.00319	U	0.00302	U	0.00303	U	0.00281	U	0.00279	U	0.00295	U	0.00295	U	0.00275	U	0.00271	U	0.00278	U
Heptachlor	76-44-8	0.042	0.42	0.00301	U	0.00302	U	0.00285	U	0.00283	U	0.00275	U	0.00307	U	0.00282	U	0.00319	U	0.00302	U	0.00303	U	0.00281	U	0.00279	U	0.00295	U	0.00295	U	0.00275	U	0.00271	U	0.00278	U
Heptachlor epoxide	1024-57-3	NS	NS	0.00301	U	0.00302	U	0.00285	U	0.00283	U	0.00275	U	0.00307	U	0.00282	U	0.00319	U	0.00302	U	0.00303	U	0.00281	U	0.00279	U	0.00295	U	0.00295	U	0.00275	U	0.00271	U	0.00278	U
Methoxychlor	72-43-5	NS	NS	0.0151	U	0.0151	U	0.0142	U	0.0141	U	0.0137	U	0.0153	U	0.0141	U	0.0160	U	0.0151	U	0.0152	U	0.0140	U	0.0139	U	0.0148	U	0.0147	U	0.0137	U	0.0136	U	0.0139	U
Total PCBs	1336-36-3	0.1	1	0.124	U	0.0125	U	0.117	U	0.0117	U	0.113	U	0.0126	U	0.116	U	0.0132	U	0.124	U	0.0125	U	0.116	U	0.0115	U	0.122	U	0.122	U	0.113	U	0.112	U	0.115	U
Toxaphene	8001-35-2	NS	NS	0.152	U	0.153	U	0.144	U	0.143	U	0.139	U	0.155	U	0.143	U	0.162	U	0.153	U	0.154	U	0.142	U	0.141	U	0.149	U	0.149	U	0.139	U	0.137	U	0.141	U

NOTES:
mg/kg - milligram per kilogram (ppm)
NS - No Standard
Bold = Concentration deteced above laboratory method detection limit (MDL)
Shading = Concentration exceeds Subpart 375-6 Unrestricted Use SCOs
Underline = Concentration exceeds Subpart 375-6 Restricted-Residential Use SCOs
Q is the Qualifier Column with definitions as follows:
B=analyte found in the analysis batch blank
D=result is from an analysis that required a dilution
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated

TABLE 6
SUMMARY OF VOCS IN GROUNDWATER
1328 FULTON STREET
BROOKLYN, NEW YORK

SampleID YorkID Sampling Date DilutionFactor ClientMatrix RptUnits		Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations (GA)(ug/L)	NYSDEC TOGS Standards and Guidance Values - GA Water ug/L	MW-1 13F0288-01 6/6/2013 1 Water ug/L		MW-2 13F0288-02 6/6/2013 1 Water ug/L		MW-3 13F0288-03 6/6/2013 1 Water ug/L		MW-4 13F0288-04 6/6/2013 1 Water ug/L		DUP (GW) 13F0288-05 6/6/2013 1 Water ug/L		TRIP BLANK 13F0288-06 6/6/2013 1 Water ug/L	
Compound	**CASNumber**			**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Volatile Organics, TCL (Target Compound List)			ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
1,1,1-Trichloroethane	71-55-6	5	5	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U
1,1,2,2-Tetrachloroethane	79-34-5	5	5	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5	5	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
1,1,2-Trichloroethane	79-00-5	1	1	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U	1.3	U
1,1-Dichloroethane	75-34-3	5	5	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U	0.42	U
1,1-Dichloroethylene	75-35-4	5	5	0.52	U	0.52	U	0.52	U	0.52	U	0.52	U	0.52	U
1,2,4-Trichlorobenzene	120-82-1	5	5	0.91	U	0.91	U	0.91	U	0.91	U	0.91	U	0.91	U
1,2,4-Trimethylbenzene	95-63-6	5	5	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	0.04	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U	0.98	U
1,2-Dibromoethane	106-93-4	5	5	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U	0.44	U
1,2-Dichloroethane	107-06-2	0.6	0.6	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U	0.36	U
1,2-Dichloropropane	78-87-5	1	1	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U	0.23	U
1,3,5-Trimethylbenzene	108-67-8	5	5	0.48	U	0.48	U	0.48	U	0.48	U	0.48	U	0.48	U
2-Butanone	78-93-3	NS	50	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
2-Hexanone	591-78-6	NS	50	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U
4-Methyl-2-pentanone	108-10-1	NS	NS	0.86	U	0.86	U	0.86	U	0.86	U	0.86	U	0.86	U
Acetone	67-64-1	NS	50	6.1	U	6.1	U	6.1	U	6.1	U	6.1	U	6.1	U
Benzene	71-43-2	1	1	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
Bromodichloromethane	75-27-4	NS	50	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
Bromoform	75-25-2	NS	50	0.58	U	0.58	U	0.58	U	0.58	U	0.58	U	0.58	U
Bromomethane	74-83-9	5	5	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
Carbon disulfide	75-15-0	60	NS	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U	0.51	U
Carbon tetrachloride	56-23-5	5	5	0.56	U	0.56	U	0.56	U	0.56	U	0.56	U	0.56	U
Chlorobenzene	108-90-7	5	5	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U	0.38	U
Chloroethane	75-00-3	5	5	2.8	U	2.8	U	2.8	U	2.8	U	2.8	U	2.8	U
Chloroform	67-66-3	7	7	0.42	U	2.3	J	0.42	U	0.42	U	0.42	U	0.42	U
Chloromethane	74-87-3	NS	5	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
cis-1,2-Dichloroethylene	156-59-2	5	5	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U	0.43	U
cis-1,3-Dichloropropylene	10061-01-5	NS	0.4	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U	0.41	U
Dibromochloromethane	124-48-1	NS	50	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U	0.39	U
Dichlorodifluoromethane	75-71-8	5	5	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U	0.35	U
Ethyl Benzene	100-41-4	5	5	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U
Isopropylbenzene	98-82-8	5	5	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U	0.63	U
Methyl tert-butyl ether (MTBE)	1634-04-4	NS	10	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U
Methylene chloride	75-09-2	5	5	**6.0**	J	**6.2**	J	**6.2**	J	**6.1**	J	**6.3**	J	**6.2**	J
n-Butylbenzene	104-51-8	5	5	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U	0.30	U
n-Propylbenzene	103-65-1	5	5	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U
Naphthalene	91-20-3	10	10	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
o-Xylene	95-47-6	5	5	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U	0.21	U
p- & m- Xylenes	179601-23-1	NS	5	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U
sec-Butylbenzene	135-98-8	5	5	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U	0.59	U
Styrene	100-42-5	5	5	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U	0.22	U
tert-Butylbenzene	98-06-6	5	5	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Tetrachloroethylene	127-18-4	5	5	**1.4**	J	0.41	U	0.41	U	0.41	U	**1.2**	J	0.41	U
Toluene	108-88-3	5	5	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U	0.17	U
trans-1,2-Dichloroethylene	156-60-5	5	5	0.52	U	0.52	U	0.52	U	0.52	U	0.52	U	0.52	U
trans-1,3-Dichloropropylene	10061-02-6	0.4	0.4	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U
Trichloroethylene	79-01-6	5	5	**1.1**	J	**4.1**	J	**4.5**	J	**1.6**	J	**0.82**	J	0.16	U
Trichlorofluoromethane	75-69-4	5	5	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U	0.54	U
Vinyl Chloride	75-01-4	2	2	0.68	U	0.68	U	0.68	U	0.68	U	0.68	U	0.68	U
Xylenes, Total	1330-20-7	5	5	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U	0.55	U

NOTES:

ug/L - micrograms per liter

NS - No Standard

Bold - Concentration above method detection limit

Shaded - Detected concentration exceeds NYSDEC Division of Water Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values and Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations and/or Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

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

TABLE 7
SUMMARY OF SVOCS IN GROUNDWATER
1328 FULTON STREET
BROOKLYN, NEW YORK

SampleID YorkID Sampling Date DilutionFactor ClientMatrix RptUnits		Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations (GA)(ug/L)	NYSDEC TOGS Standards and Guidance Values - GA Water ug/L	MW-1 13F0288-01 6/6/2013 1 Water ug/L		MW-2 13F0288-02 6/6/2013 1 Water ug/L		MW-3 13F0288-03 6/6/2013 1 Water ug/L		MW-4 13F0288-04 6/6/2013 1 Water ug/L		DUP (GW) 13F0288-05 6/6/2013 1 Water ug/L		TRIP BLANK 13F0288-06 6/6/2013 1 Water ug/L	
Compound	**CASNumber**			**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Semi-Volatiles, EPA TCL List - Low Level		ug/L	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
1,2,4-Trichlorobenzene	120-82-1		5	1.35	U	1.38	U	1.35	U	1.38	U	1.42	U	NT	
1,2-Dichlorobenzene	95-50-1	3	3	1.68	U	1.72	U	1.68	U	1.72	U	1.77	U	NT	
1,3-Dichlorobenzene	541-73-1	3	3	2.82	U	2.89	U	2.82	U	2.89	U	2.97	U	NT	
1,4-Dichlorobenzene	106-46-7	3	3	3.31	U	3.40	U	3.31	U	3.40	U	3.49	U	NT	
2,4,5-Trichlorophenol	95-95-4	NS	NS	3.70	U	3.80	U	3.70	U	3.80	U	3.90	U	NT	
2,4,6-Trichlorophenol	88-06-2	NS	NS	3.36	U	3.44	U	3.36	U	3.44	U	3.54	U	NT	
2,4-Dichlorophenol	120-83-2	1	5	3.17	U	3.25	U	3.17	U	3.25	U	3.34	U	NT	
2,4-Dimethylphenol	105-67-9	1	50	3.78	U	3.88	U	3.78	U	3.88	U	3.98	U	NT	
2,4-Dinitrophenol	51-28-5	1	10	9.85	U	10.1	U	9.85	U	10.1	U	10.4	U	NT	
2,4-Dinitrotoluene	121-14-2	5	5	2.43	U	2.49	U	2.43	U	2.49	U	2.56	U	NT	
2,6-Dinitrotoluene	606-20-2	5	5	3.60	U	3.69	U	3.60	U	3.69	U	3.79	U	NT	
2-Chloronaphthalene	91-58-7	NS	10	3.58	U	3.67	U	3.58	U	3.67	U	3.77	U	NT	
2-Chlorophenol	95-57-8	NS	NS	3.50	U	3.60	U	3.50	U	3.60	U	3.69	U	NT	
2-Methylnaphthalene	91-57-6	NS	NS	3.15	U	3.24	U	3.15	U	3.24	U	3.32	U	NT	
2-Methylphenol	95-48-7	NS	NS	0.879	U	0.902	U	0.879	U	0.902	U	0.927	U	NT	
2-Nitroaniline	88-74-4	5	5	3.08	U	3.17	U	3.08	U	3.17	U	3.25	U	NT	
2-Nitrophenol	88-75-5	NS	NS	3.18	U	3.27	U	3.18	U	3.27	U	3.35	U	NT	
3,3'-Dichlorobenzidine	91-94-1	5	5	3.60	U	3.70	U	3.60	U	3.70	U	3.80	U	NT	
3- & 4-Methylphenols	65794-96-9	NS	NS	3.81	U	3.91	U	3.81	U	3.91	U	4.02	U	NT	
3-Nitroaniline	99-09-2	5	5	1.64	U	1.68	U	1.64	U	1.68	U	1.72	U	NT	
4,6-Dinitro-2-methylphenol	534-52-1	NS	NS	6.87	U	7.05	U	6.87	U	7.05	U	7.24	U	NT	
4-Bromophenyl phenyl ether	101-55-3	NS	NS	3.53	U	3.63	U	3.53	U	3.63	U	3.73	U	NT	
4-Chloro-3-methylphenol	59-50-7	NS	NS	3.72	U	3.82	U	3.72	U	3.82	U	3.92	U	NT	
4-Chloroaniline	106-47-8	5	5	3.84	U	3.94	U	3.84	U	3.94	U	4.04	U	NT	
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	3.20	U	3.28	U	3.20	U	3.28	U	3.37	U	NT	
4-Nitroaniline	100-01-6	5	5	3.87	U	3.97	U	3.87	U	3.97	U	4.07	U	NT	
4-Nitrophenol	100-02-7	NS	NS	4.04	U	4.15	U	4.04	U	4.15	U	4.26	U	NT	
Acenaphthene	83-32-9	NS	20	0.0332	U	0.0341	U	0.0332	U	0.0341	U	0.0350	U	NT	
Acenaphthylene	208-96-8	NS	NS	0.0439	U	0.0451	U	0.0439	U	0.0451	U	0.0463	U	NT	
Anthracene	120-12-7	NS	50	0.0472	U	0.0484	U	0.0472	U	0.0484	U	0.0497	U	NT	
Benzo(a)anthracene	56-55-3	NS	0.002	0.0417	U	0.0428	U	0.0417	U	0.0428	U	0.0440	U	NT	
Benzo(a)pyrene	50-32-8	ND*	0.002	0.0497	U	0.0511	U	0.0497	U	0.0511	U	0.0524	U	NT	
Benzo(b)fluoranthene	205-99-2	NS	0.002	0.0423	U	0.0434	U	0.0423	U	0.0434	U	0.0445	U	NT	
Benzo(g,h,i)perylene	191-24-2	NS	NS	0.0426	U	0.0437	U	0.0426	U	0.0437	U	0.0449	U	NT	
Benzo(k)fluoranthene	207-08-9	NS	0.002	0.0355	U	0.0364	U	0.0355	U	0.0364	U	0.0374	U	NT	
Benzoic acid	65-85-0	NS	NS	8.92	U	9.16	U	8.92	U	9.16	U	9.41	U	NT	
Benzyl alcohol	100-51-6	NS	NS	4.10	U	4.21	U	4.10	U	4.21	U	4.32	U	NT	
Benzyl butyl phthalate	85-68-7	NS	50	2.36	U	2.42	U	2.36	U	2.42	U	2.49	U	NT	
Bis(2-chloroethoxy)methane	111-91-1	5	5	4.97	U	5.10	U	4.97	U	5.10	U	5.24	U	NT	
Bis(2-chloroethyl)ether	111-44-4	1	1	4.23	U	4.34	U	4.23	U	4.34	U	4.45	U	NT	
Bis(2-chloroisopropyl)ether	108-60-1	5	5	4.26	U	4.37	U	4.26	U	4.37	U	4.49	U	NT	
Bis(2-ethylhexyl)phthalate	117-81-7	5	5	2.64	U	2.71	U	2.64	U	2.71	U	2.78	U	NT	
Chrysene	218-01-9	NS	0.002	0.0426	U	0.0437	U	0.0426	U	0.0437	U	0.0449	U	NT	
Di-n-butyl phthalate	84-74-2	NS	50	4.23	U	4.34	U	4.23	U	4.34	U	4.45	U	NT	
Di-n-octyl phthalate	117-84-0	NS	50	4.26	U	4.37	U	4.26	U	4.37	U	4.49	U	NT	
Dibenzo(a,h)anthracene	53-70-3	NS	NS	0.0318	U	0.0326	U	0.0318	U	0.0326	U	0.0335	U	NT	
Dibenzofuran	132-64-9	NS	NS	2.97	U	3.05	U	2.97	U	3.05	U	3.14	U	NT	
Diethyl phthalate	84-66-2	NS	50	2.26	U	2.32	U	2.26	U	2.32	U	2.38	U	NT	
Dimethyl phthalate	131-11-3	NS	50	4.97	U	5.10	U	4.97	U	5.10	U	5.24	U	NT	
Fluoranthene	206-44-0	NS	50	0.0163	U	0.0167	U	0.0163	U	**0.158**		0.0172	U	NT	
Fluorene	86-73-7	NS	50	0.0331	U	0.0340	U	0.0331	U	0.0340	U	0.0349	U	NT	
Hexachlorobenzene	118-74-1	0.04	0.04	3.03	U	3.11	U	3.03	U	3.11	U	3.20	U	NT	
Hexachlorobutadiene	87-68-3	0.5	0.5	3.39	U	3.48	U	3.39	U	3.48	U	3.58	U	NT	
Hexachlorocyclopentadiene	77-47-4	5	5	3.53	U	3.63	U	3.53	U	3.63	U	3.73	U	NT	
Hexachloroethane	67-72-1	5	5	3.72	U	3.82	U	3.72	U	3.82	U	3.92	U	NT	
Indeno(1,2,3-cd)pyrene	193-39-5	NS	0.002	0.0282	U	0.0289	U	0.0282	U	0.0289	U	0.0297	U	NT	
Isophorone	78-59-1	NS	50	3.31	U	3.40	U	3.31	U	3.40	U	3.49	U	NT	
N-nitroso-di-n-propylamine	621-64-7	NS	NS	2.64	U	2.71	U	2.64	U	2.71	U	2.78	U	NT	
N-Nitrosodiphenylamine	86-30-6	NS	50	3.71	U	3.81	U	3.71	U	3.81	U	3.91	U	NT	
Naphthalene	91-20-3	10	10	3.96	U	4.07	U	3.96	U	4.07	U	4.18	U	NT	
Nitrobenzene	98-95-3	0.4	0.4	2.02	U	2.07	U	2.02	U	2.07	U	2.13	U	NT	
Pentachlorophenol	87-86-5	1	1	3.86	U	3.96	U	3.86	U	3.96	U	4.07	U	NT	
Phenanthrene	85-01-8	NS	50	0.0371	U	0.0381	U	0.0371	U	**0.284**		0.0391	U	NT	
Phenol	108-95-2	1	1	3.36	U	3.44	U	3.36	U	3.44	U	3.54	U	NT	
Pyrene	129-00-0	NS	50	0.0246	U	0.0253	U	0.0246	U	**0.126**		0.0259	U	NT	

NOTES:

ug/L - micrograms per liter

NS - No Standard

Bold - Concentration above method detection limit

Shaded - Detected concentration exceeds NYSDEC Division of Water Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values and Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations and/or Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

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

TABLE 8
SUMMARY OF METALS IN GROUNDWATER
1328 FULTON STREET
BROOKLYN, NEW YORK

SampleID YorkID Sampling Date DilutionFactor ClientMatrix RptUnits		Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations (GA) (ug/L)	NYSDEC TOGS Standards and Guidance Values - GA Water ug/L	MW-1 13F0288-01 6/6/2013 1 Water ug/L		MW-2 13F0288-02 6/6/2013 1 Water ug/L		MW-3 13F0288-03 6/6/2013 1 Water ug/L		MW-4 13F0288-04 6/6/2013 1 Water ug/L		DUP (GW) 13F0288-05 6/6/2013 1 Water ug/L		TRIP BLANK 13F0288-06 6/6/2013 1 Water ug/L	
Compound	**CASNumber**			**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Metals, Target Analyte		ug/L	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Aluminum	7429-90-5	NS	NS	**1330**		**2800**		**4180**		**1280**		**1370**		NT	
Antimony	7440-36-0	3	3	3	U	3	U	3	U	3	U	3	U	NT	
Arsenic	7440-38-2	25	25	4	U	4	U	4	U	4	U	4	U	NT	
Barium	7440-39-3	1000	1000	**98**		**138**		**164**		**101**		**101**		NT	
Beryllium	7440-41-7	NS	3	1	U	1	U	1	U	1	U	1	U	NT	
Cadmium	7440-43-9	5	5	2	U	2	U	2	U	2	U	2	U	NT	
Calcium	7440-70-2	NS	NS	**42900**		**79700**		**56600**		**48000**		**42000**		NT	
Chromium	7440-47-3	50	50	**11**		**11**		**30**		**9**		**12**		NT	
Cobalt	7440-48-4	NS	NS	**2**	J	**7**		**12**		**2**	J	**2**	J	NT	
Copper	7440-50-8	200	200	**8**		**10**		**20**		**8**		**9**		NT	
Iron	7439-89-6	300	300	**2570**		**4170**		**7570**		**2540**		**2630**		NT	
Lead	7439-92-1	25	25	2	U	**7**		**11**		**5**		2	U	NT	
Magnesium	7439-95-4	NS	35000	**27000**		**30800**		**25700**		**20800**		**26600**		NT	
Manganese	7439-96-5	30	300	**911**		**864**		**1520**		**849**		**918**		NT	
Nickel	7440-02-0	100	100	**15**		**23**		**41**		**20**		**15**		NT	
Potassium	7440-09-7	NS	NS	**3870**		**4780**		**4310**		**3660**		**3810**		NT	
Selenium	7782-49-2	10	10	7	U	7	J	7	U	7	U	7	U	NT	
Silver	7440-22-4	50	50	2	U	2	U	2	U	2	U	2	U	NT	
Sodium	7440-23-5	20000	20000	**45600**		**47500**		**45900**		**34600**		**45800**		NT	
Thallium	7440-28-0	NS	NS	3	U	3	U	3	U	3	U	3	U	NT	
Vanadium	7440-62-2	NS	NS	**2**	J	**2**	J	**2**	J	**2**	J	**2**	J	NT	
Zinc	7440-66-6	NS	2000	**33**		**29**		**56**		**28**		**34**		NT	
Metals, Target Analyte, Dissolved			ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Aluminum	7429-90-5	NS	NS	10	U	10	U	10	U	10	U	10	U	NT	
Antimony	7440-36-0	3	3	3	U	3	U	3	U	3	U	3	U	NT	
Arsenic	7440-38-2	25	25	4	U	4	U	4	U	4	U	4	U	NT	
Barium	7440-39-3	1000	1000	**69**		**91**		**62**		**61**		**69**		NT	
Beryllium	7440-41-7	NS	3	1	U	1	U	1	U	1	U	1	U	NT	
Cadmium	7440-43-9	5	5	2	U	2	U	2	U	2	U	2	U	NT	
Calcium	7440-70-2	NS	NS	**42500**		**80400**		**55900**		**49100**		**42500**		NT	
Chromium	7440-47-3	50	50	2	U	2	U	2	U	2	U	2	U	NT	
Cobalt	7440-48-4	NS	NS	2	U	2	U	2	U	2	U	2	U	NT	
Copper	7440-50-8	200	200	2	U	2	U	2	U	2	U	2	U	NT	
Iron	7439-89-6	300	300	**31**		**20**		**28**		**24**		**45**		NT	
Lead	7439-92-1	25	25	2	U	2	U	2	U	2	U	2	U	NT	
Magnesium	7439-95-4	NS	35000	**26900**		**30400**		**23600**		**20800**		**27000**		NT	
Manganese	7439-96-5	30	300	**639**		**457**		**569**		**523**		**640**		NT	
Nickel	7440-02-0	100	100	**8**		**9**		**8**		**8**		**7**		NT	
Potassium	7440-09-7	NS	NS	**3560**		**4220**		**3420**		**3510**		**3580**		NT	
Selenium	7782-49-2	10	10	7	U	7	U	10		7	U	7	U	NT	
Silver	7440-22-4	50	50	2	U	2	U	2	U	2	U	2	U	NT	
Sodium	7440-23-5	20000	20000	**45700**		**47600**		**45400**		**35000**		**46000**		NT	
Thallium	7440-28-0	NS	NS	3	U	3	U	3	U	3	U	3	U	NT	
Vanadium	7440-62-2	NS	NS	2	U	2	U	2	U	2	U	2	U	NT	
Zinc	7440-66-6	NS	2000	2	U	2	U	2	U	2	U	2	U	NT	
Mercury by 7470/7471			ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Mercury	7439-97-6	0.7	0.7	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
Mercury, Dissolved			ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Mercury	7439-97-6	0.7	0.7	0.03900	U	0.03900	U	0.03900	U	0.03900	U	0.03900	U	NT	

NOTES:
ug/L - micrograms per liter
NS - No Standard
Bold - Concentration above method detection limit
Shaded - Detected concentration exceeds NYSDEC Division of Water Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values and Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations and/or Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.
Q is the Qualifier Column with definitions as follows:
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
NT=this indicates the analyte was not a target for this sample

TABLE 9
SUMMARY OF PCBS IN GROUNDWATER
1328 FULTON STREET
BROOKLYN, NEW YORK

SampleID YorkID Sampling Date DilutionFactor ClientMatrix RptUnits		Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations (GA) (ug/L)	NYSDEC TOGS Standards and Guidance Values - GA Water ug/L	MW-1 13F0288-01 6/6/2013 1 Water ug/L		MW-2 13F0288-02 6/6/2013 1 Water ug/L		MW-3 13F0288-03 6/6/2013 1 Water ug/L		MW-4 13F0288-04 6/6/2013 1 Water ug/L		DUP (GW) 13F0288-05 6/6/2013 1 Water ug/L		TRIP BLANK 13F0288-06 6/6/2013 1 Water ug/L	
Compound	**CASNumber**			**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Pesticides/PCBs, EPA TCL List			ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
Aroclor 1016	12674-11-2	0.09*	0.09*	0.0372	U	0.0372	U	0.0372	U	0.0372	U	0.0372	U	NT	
Aroclor 1221	11104-28-2	0.09*	0.09*	0.0372	U	0.0372	U	0.0372	U	0.0372	U	0.0372	U	NT	
Aroclor 1232	11141-16-5	0.09*	0.09*	0.0372	U	0.0372	U	0.0372	U	0.0372	U	0.0372	U	NT	
Aroclor 1242	53469-21-9	0.09*	0.09*	0.0372	U	0.0372	U	0.0372	U	0.0372	U	0.0372	U	NT	
Aroclor 1248	12672-29-6	0.09*	0.09*	0.0372	U	0.0372	U	0.0372	U	0.0372	U	0.0372	U	NT	
Aroclor 1254	11097-69-1	0.09*	0.09*	0.0433	U	0.0433	U	0.0433	U	0.0433	U	0.0433	U	NT	
Aroclor 1260	11096-82-5	0.09*	0.09*	0.0433	U	0.0433	U	0.0433	U	0.0433	U	0.0433	U	NT	
Toxaphene	8001-35-2	0.09*	0.09*	0.0513	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	NT	

NOTES:

ug/L - micrograms per liter

NS - No Standard

Bold - Concentration above method detection limit

Shaded - Detected concentration exceeds NYSDEC Division of Water Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values and Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations and/or Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

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

* Applies to the sum of these substances

TABLE 10
SUMMARY OF PESTICIDES IN GROUNDWATER
1328 FULTON STREET
BROOKLYN, NEW YORK

SampleID YorkID Sampling Date DilutionFactor ClientMatrix RptUnits		Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations (GA) (ug/L)	NYSDEC TOGS Standards and Guidance Values - GA Water ug/L	MW-1 13F0288-01 6/6/2013 1 Water ug/L		MW-2 13F0288-02 6/6/2013 1 Water ug/L		MW-3 13F0288-03 6/6/2013 1 Water ug/L		MW-4 13F0288-04 6/6/2013 1 Water ug/L		DUP (GW) 13F0288-05 6/6/2013 1 Water ug/L		TRIP BLANK 13F0288-06 6/6/2013 1 Water ug/L	
Compound	**CASNumber**			**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Pesticides/PCBs, EPA TCL List		ug/L	ug/L	ug/L		ug/L		ug/L		ug/L		ug/L		ug/L	
4,4'-DDD	72-54-8	0.3	0.3	0.00103	U	0.00103	U	0.00103	U	0.00103	U	0.00103	U	NT	
4,4'-DDE	72-55-9	0.2	0.2	0.00103	U	0.00103	U	0.00103	U	0.00103	U	0.00103	U	NT	
4,4'-DDT	50-29-3	0.2	0.2	0.00103	U	0.00103	U	0.00103	U	0.00103	U	0.00103	U	NT	
Aldrin	309-00-2	ND*	NS	0.00103	U	0.00103	U	0.00103	U	0.00103	U	0.00103	U	NT	
alpha-BHC	319-84-6	NS	0.01	0.00103	U	0.00103	U	0.00103	U	0.00103	U	0.00103	U	NT	
beta-BHC	319-85-7	NS	0.04	0.00103	U	0.00103	U	0.00103	U	0.00103	U	0.00103	U	NT	
Chlordane, total	57-74-9	0.05	0.05	0.00410	U	0.00410	U	0.00410	U	0.00410	U	0.00410	U	NT	
delta-BHC	319-86-8	NS	0.04	0.00103	U	0.00103	U	0.00103	U	0.00103	U	0.00103	U	NT	
Dieldrin	60-57-1	0.004	0.001	0.00103	U	0.00103	U	0.00103	U	0.00103	U	0.00103	U	NT	
Endosulfan I	959-98-8	NS	NS	0.00103	U	0.00103	U	0.00103	U	0.00103	U	0.00103	U	NT	
Endosulfan II	33213-65-9	NS	NS	0.00103	U	0.00103	U	0.00103	U	0.00103	U	0.00103	U	NT	
Endosulfan sulfate	1031-07-8	NS	NS	0.00103	U	0.00103	U	0.00103	U	0.00103	U	0.00103	U	NT	
Endrin	72-20-8	ND	NS	0.00103	U	0.00103	U	0.00103	U	0.00103	U	0.00103	U	NT	
Endrin aldehyde	7421-93-4	5	5	0.00103	U	0.00103	U	0.00103	U	0.00103	U	0.00103	U	NT	
Endrin ketone	53494-70-5	5	5	0.00103	U	0.00103	U	0.00103	U	0.00103	U	0.00103	U	NT	
gamma-BHC (Lindane)	58-89-9	NS	0.05	0.00103	U	0.00103	U	0.00103	U	0.00103	U	0.00103	U	NT	
Heptachlor	76-44-8	0.04	0.04	0.00103	U	0.00103	U	0.00103	U	0.00103	U	0.00103	U	NT	
Heptachlor epoxide	1024-57-3	0.03	0.03	0.00103	U	0.00103	U	0.00103	U	0.00103	U	0.00103	U	NT	
Methoxychlor	72-43-5	35	35	0.00513	U	0.00513	U	0.00513	U	0.00513	U	0.00513	U	NT	
Toxaphene	8001-35-2	0.06	0.06	0.0513	U	0.0513	U	0.0513	U	0.0513	U	0.0513	U	NT	

NOTES:

ug/L - micrograms per liter

NS - No Standard

Bold - Concentration above method detection limit

Shaded - Detected concentration exceeds NYSDEC Division of Water Technical Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values and Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations and/or Part 703: Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations.

Q is the Qualifier Column with definitions as follows:

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

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

TABLE 11
SUMMARY OF VOCS IN SOIL VAPOR
1328 FULTON STREET
BROOKLYN, NEW YORK

SampleID YorkID Sampling Date DilutionFactor ClientMatrix RptUnits		NYSDOH Air Guideline Values (ug/m^3)	NYSDOH Fuel Oil 2003 Upper Fence Limit (ug/m^3) (1)		USEPA BASE Data 90% Percentile Value (ug/m^3) (1)		HEI RIOPA 2005 95% Percentile Value (ug/m^3) (1)		EPA Target Shallow Soil Gas Concentration Risk = 1 x 10-6 (ug/m^3) (2)	SV-1 13F0242-01 6/5/2013 19.69 Soil Vapor ug/m³		SV-2 13F0242-02 6/5/2013 20.49 Soil Vapor ug/m³		SV-3 13F0242-03 6/5/2013 19.61 Soil Vapor ug/m³		SV-4 13F0242-04 6/5/2013 19.53 Soil Vapor ug/m³		SV-5 13F0242-05 6/5/2013 19.69 Soil Vapor ug/m³		Ambient Air 13F0242-06 6/5/2013 1 Outdoor Ambient Air ug/m³	
			Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Vapor												
Compound	CASNumber	Result	Result	Result	Result	Result	Result	Result	Result	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, EPA TO15 Full List		ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³		ug/m³		ug/m³		ug/m³		ug/m³		ug/m³	
1,1,1-Trichloroethane	71-55-6	NA	2.5	0.6	20.6	2.6	NA	NA	22,000	11	U	11	U	11	U	11	U	11	U	0.37	U
1,1,2,2-Tetrachloroethane	79-34-5	NA	0.4	0.4	NA	NA	NA	NA	0.42	14	U	14	U	14	U	14	U	14	U	0.47	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	NA	NA	NA	3.5	1.6	NA	NA	NA	15	U	16	U	15	U	15	U	15	U	**0.57**	D
1,1,2-Trichloroethane	79-00-5	NA	0.4	0.3	1.5	1.6	NA	NA	1.5	11	U	11	U	11	U	11	U	11	U	0.37	U
1,1-Dichloroethane	75-34-3	NA	0.4	NA	<0.7	<0.6	NA	NA	5,000	8.1	U	8.4	U	8.1	U	8.0	U	8.1	U	0.27	U
1,1-Dichloroethylene	75-35-4	NA	0.4	0.4	<1.4	<1.4	NA	NA	2,000	7.9	U	8.3	U	7.9	U	7.9	U	7.9	U	0.27	U
1,2,4-Trichlorobenzene	120-82-1	NA	0.5	1.9	<6.8	<6.4	NA	NA	2,000	15	U	15	U	15	U	15	U	15	U	0.50	U
1,2,4-Trimethylbenzene	95-63-6	NA	9.8	0.4	9.5	5.8	NA	NA	61	***54***	D	***20***	D	***29***	D	***26***	D	***56***	D	**0.47**	D
1,2-Dibromoethane	106-93-4	NA	0.4	0.4	1.5	1.6	NA	NA	0.11	15	U	16	U	15	U	15	U	15	U	0.52	U
1,2-Dichlorobenzene	95-50-1	NA	0.5	0.4	<1.2	<1.2	NA	NA	8,000	12	U	13	U	12	U	12	U	12	U	0.41	U
1,2-Dichloroethane	107-06-2	NA	0.4	0.4	<0.9	<0.8	NA	NA	1	8.1	U	8.4	U	8.1	U	8.0	U	8.1	U	0.27	U
1,2-Dichloropropane	78-87-5	NA	0.4	0.4	<1.6	<1.6	NA	NA	41	9.3	U	9.6	U	9.2	U	9.2	U	9.3	U	0.31	U
1,2-Dichlorotetrafluoroethane	76-14-2	NA	NA	NA	<11.3	<7.8	NA	NA	NA	14	U	15	U	14	U	14	U	14	U	0.47	U
1,3,5-Trimethylbenzene	108-67-8	NA	3.9	0.7	3.7	2.7	NA	NA	60	***14***	D	10	U	9.8	U	9.8	U	***15***	D	0.33	U
1,3-Butadiene	106-99-0	NA	NA	NA	3	3.4	NA	NA	0.087	8.7	U	9.0	U	8.6	U	8.6	U	8.7	U	0.29	U
1,3-Dichlorobenzene	541-73-1	NA	0.5	0.4	<2.4	<2.2	NA	NA	1,100	12	U	13	U	12	U	12	U	12	U	0.41	U
1,4-Dichlorobenzene	106-46-7	NA	1.2	0.5	5.5	1.2	344	3.66	8,000	12	U	13	U	12	U	12	U	12	U	0.41	U
1,4-Dioxane	123-91-1	NA	NA	NA	NA	NA	NA	NA	NA	7.2	U	7.5	U	7.2	U	7.2	U	7.2	U	0.24	U
2-Butanone	78-93-3	NA	16	5.3	12	11.3	NA	NA	10,000	***37***	D	***21***	D	***49***	D	***30***	D	***53***	D	**4.4**	D
2-Hexanone	591-78-6	NA	NA	NA	NA	NA	NA	NA	NA	**63**	D	8.5	U	8.2	U	8.1	U	8.2	U	0.28	U
4-Methyl-2-pentanone	108-10-1	NA	1.9	0.5	NA	NA	NA	NA	800	8.2	U	8.5	U	8.2	U	8.1	U	8.2	U	0.28	U
Acetone	67-64-1	NA	115	30	98.9	43.7	45.8	19.6	3,500	***540***	D	***330***	D	***510***	D	***490***	D	***450***	D	**14**	D
Benzene	71-43-2	NA	13	4.8	9.4	6.6	10	5.16	3.1	***18***	D	***17***	D	***27***	D	***58***	D	***23***	D	**0.54**	D
Benzyl chloride	100-44-7	NA	NA	NA	<6.8	<6.4	NA	NA	0.5	10	U	11	U	10	U	10	U	10	U	0.35	U
Bromodichloromethane	75-27-4	NA	NA	NA	NA	NA	NA	NA	1.4	12	U	13	U	12	U	12	U	12	U	0.42	U
Bromoform	75-25-2	NA	NA	NA	NA	NA	NA	NA	22	21	U	22	U	21	U	21	U	21	U	0.70	U
Bromomethane	74-83-9	NA	0.5	0.5	1.7	1.6	NA	NA	NA	7.8	U	8.1	U	7.7	U	7.7	U	7.8	U	0.26	U
Carbon disulfide	75-15-0	NA	NA	NA	<1.3	3.7	NA	NA	7,000	***14***	D	***12***	D	***110***	D	***40***	D	***60***	D	0.21	U
Carbon tetrachloride	56-23-5	NA	1.3	1.2	<1.3	0.7	1.1	1	1.6	6.3	U	6.6	U	6.3	U	***480***	D	***19***	D	**0.43**	D
Chlorobenzene	108-90-7	NA	0.4	NA	<1.1	<0.8	<0.8	NA	600	***240***	D	***220***	D	9.2	U	***300***	D	***260***	D	0.31	U
Chloroethane	75-00-3	NA	0.4	0.4	<1.1	<1.2	NA	NA	1,000	5.3	U	5.5	U	5.3	U	5.2	U	5.3	U	0.18	U

NOTES:

ug/m^3 - micrograms per cubic meter of air

ND - Analyte not detected at laboratory method detection level

NA - Not Available

(1) - As per Appendix C of the Final NYSDOH Guidance document.

(2) As per Table 2c: Question 4 Generic Screening Levels and Summary Sheet presented in the EPA Draft Guidance for Evaluating the Vapor Intrusion to Indoor Air Pathway from Groundwater and Soils dated November 2002.

Bold - Concentration above method detection limit

Shading - Concentration Exceeds NYSDOH Air Guideline Value (AGV)

Italics - Concentration Exceeds NYSDOH Background Levels.

Underline - Concentration Exceeds EPA Target Shallow Soil Gas Concentration

BASE - Building Assessment and Survey Evaluation

HEI RIOPA - Health Effect Institute: Relationship of Indoor, Outdoor and Personal Air (personal exposure)

NYSDOH Fuel Oil - Data collected from homes heated by fuel oil

Q is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

U=analyte not detected at or above the level indicated

TABLE 11 (Cont.)
SUMMARY OF VOCS IN SOIL VAPOR
1328 FULTON STREET
BROOKLYN, NEW YORK

SampleID YorkID Sampling Date DilutionFactor ClientMatrix RptUnits		NYSDOH Air Guideline Values (ug/m^3)	NYSDOH Fuel Oil 2003 Upper Fence Limit (ug/m^3) (1)		USEPA BASE Data 90% Percentile Value (ug/m^3) (1)		HEI RIOPA 2005 95% Percentile Value (ug/m^3) (1)		EPA Target Shallow Soil Gas Concentration Risk = 1 x 10-6 (ug/m^3) (2)	SV-1 13F0242-01 6/5/2013 19.69 Soil Vapor ug/m³		SV-2 13F0242-02 6/5/2013 20.49 Soil Vapor ug/m³		SV-3 13F0242-03 6/5/2013 19.61 Soil Vapor ug/m³		SV-4 13F0242-04 6/5/2013 19.53 Soil Vapor ug/m³		SV-5 13F0242-05 6/5/2013 19.69 Soil Vapor ug/m³		Ambient Air 13F0242-06 6/5/2013 1 Outdoor Ambient Air ug/m³	
			Indoor	Outdoor	Indoor	Outdoor	Indoor	Outdoor	Vapor												
Compound	**CASNumber**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**	**Result**	**Q**
Volatile Organics, EPA TO15 Full List		ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³	ug/m³		ug/m³		ug/m³		ug/m³		ug/m³		ug/m³	
Chloroform	67-66-3	NA	1.2	0.5	1.1	0.6	6.34	0.76	1.1	9.8	U	10	U	9.7	U	9.7	U	9.8	U	**0.36**	D
Chloromethane	74-87-3	NA	4.2	4.3	3.7	3.7	NA	NA	NA	4.1	U	4.3	U	4.1	U	4.1	U	4.1	U	**1.5**	D
cis-1,2-Dichloroethylene	156-59-2	NA	0.4	0.4	<1.9	<1.2	NA	NA	350	7.9	U	8.3	U	7.9	U	7.9	U	7.9	U	0.27	U
cis-1,3-Dichloropropylene	10061-01-5	NA	0.4	0.4	2.3	2.2	NA	NA	NA	9.1	U	9.5	U	9.1	U	9.0	U	9.1	U	0.31	U
Cyclohexane	110-82-7	NA	6.3	0.9	NA	NA	NA	NA	NA	6.9	U	7.2	U	***6.9***	D	6.8	U	6.9	U	0.23	U
Dibromochloromethane	124-48-1	NA	NA	NA	NA	NA	NA	NA	NA	16	U	17	U	16	U	16	U	16	U	0.54	U
Dichlorodifluoromethane	75-71-8	NA	NA	NA	16.5	8.1	NA	NA	2,000	9.9	U	10	U	9.9	U	9.8	U	9.9	U	**2.4**	D
Ethyl acetate	141-78-6	NA	NA	NA	5.4	1.5	NA	NA	32,000	7.2	U	7.5	U	7.2	U	7.2	U	7.2	U	0.24	U
Ethyl Benzene	100-41-4	NA	6.4	1	5.7	3.5	7.62	3.04	22	***62***	D	***46***	D	***60***	D	***68***	D	***87***	D	**0.38**	D
Hexachlorobutadiene	87-68-3	NA	0.5	0.5	<6.8	<6.4	NA	NA	1.1	21	U	22	U	21	U	21	U	21	U	0.72	U
Isopropanol	67-63-0	NA	NA	NA	NA	NA	NA	NA	NA	4.9	U	5.1	U	**7.8**	D	4.9	U	4.9	U	**1.1**	D
Methyl Methacrylate	80-62-6	NA	0.4	<0.25	NA	NA	NA	NA	7,000	8.2	U	8.5	U	8.2	U	8.1	U	8.2	U	0.28	U
Methyl tert-butyl ether (MTBE)	1634-04-4	NA	14	NA	11.5	6.2	36	22.1	30,000	7.2	U	7.5	U	7.2	U	7.1	U	7.2	U	0.24	U
Methylene chloride	75-09-2	60	16	1.6	10	6.1	7.5	2.46	52	**9.0**	D	**8.7**	D	**7.6**	D	6.9	U	**7.7**	D	**1.2**	D
n-Heptane	142-82-5	NA	18	4.5	NA	NA	NA	NA	NA	***55***	D	***55***	D	***80***	D	***210***	D	***70***	D	**0.53**	D
n-Hexane	110-54-3	NA	14	2.2	10.2	6.4	NA	NA	2,000	***25***	D	***31***	D	***55***	D	***420***	D	***35***	D	**1.1**	D
o-Xylene	95-47-6	NA	7.1	1.5	7.9	4.6	7.24	3.23	70,000	***60***	D	***36***	D	***45***	D	***53***	D	***82***	D	**0.44**	D
p- & m- Xylenes	179601-23-1	NA	11	1	22.2	12.8	22.2	10	70,000	***210***	D	***140***	D	***170***	D	***200***	D	***290***	D	**1.2**	D
p-Ethyltoluene	622-96-8	NA	NA	NA	3.6	3	NA	NA	NA	***68***	D	51	U	49	U	49	U	***81***	D	1.7	U
Propylene	115-07-01	NA	NA	NA	NA	NA	NA	NA	NA	3.4	U	3.6	U	3.4	U	3.4	U	3.4	U	0.12	U
Styrene	100-42-5	NA	1.4	0.5	1.9	1.3	5.13	1.29	10,000	8.5	U	8.9	U	8.5	U	8.5	U	8.5	U	0.29	U
Tetrachloroethylene	127-18-4	100	2.5	0.7	15.9	6.5	6.01	3.17	8.1	14	U	14	U	14	U	13	U	14	U	0.46	U
Tetrahydrofuran	109-99-9	NA	0.8	0.4	NA	NA	NA	NA	NA	5.9	U	6.1	U	**22**	D	**75**	D	5.9	U	**1.9**	D
Toluene	108-88-3	NA	57	5.1	43	33.7	39	NA	4,000	***200***	D	***140***	D	***210***	D	***250***	D	***240***	D	**1.9**	D
trans-1,2-Dichloroethylene	156-60-5	NA	NA	NA	NA	NA	NA	NA	700	7.9	U	8.3	U	7.9	U	7.9	U	7.9	U	0.27	U
trans-1,3-Dichloropropylene	10061-02-6	NA	NA	NA	<1.3	1.4	NA	NA	NA	9.1	U	9.5	U	9.1	U	9.0	U	9.1	U	0.31	U
Trichloroethylene	79-01-6	5	0.5	0.4	4.2	1.3	1.36	0.79	0.22	5.4	U	5.6	U	5.4	U	5.3	U	5.4	U	0.18	U
Trichlorofluoromethane (Freon 11)	75-69-4	NA	NA	NA	18.1	4.3	NA	NA	7,000	***44***	D	***36***	D	***15***	D	11	U	11	U	**1.2**	D
Vinyl acetate	108-05-4	NA	NA	NA	NA	NA	NA	NA	2,000	7.1	U	7.3	U	7.0	U	7.0	U	7.1	U	0.24	U
Vinyl Chloride	75-01-4	NA	0.4	0.4	<1.9	<1.8	NA	NA	2.8	5.1	U	5.3	U	5.1	U	5.1	U	5.1	U	0.17	U

NOTES:

ug/m^3 - micrograms per cubic meter of air

ND - Analyte not detected at laboratory method detection level

NA - Not Available

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Underline - Concentration Exceeds EPA Target Shallow Soil Gas Concentration

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HEI RIOPA - Health Effect Institute: Relationship of Indoor, Outdoor and Personal Air (personal exposure)

NYSDOH Fuel Oil - Data collected from homes heated by fuel oil

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APPENDICES

APPENDIX A:
SOIL BORING LOGS

BORING LOG

Cardno ATC **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:** Fulton South Development LLC	**Boring No.:** **SB-1**
	Cardno ATC Project No.: 015.38242.0024	**Boring Location:**
	Cardno ATC Task No.: 01	See Figure 3
Driller: Eastern Environmental	**Drilling Method:** Geoprobe	
Inspector: John Mascioli	**Sampling Method:** Macro Core (2" diam.)	
Groundwater: Not Encountered		**Date:** June 3, 2013

Depth (ft.)	Sample Interval	PID Reading (ppm)	Lithology and Field Observations
0		0	0-12" Concrete
	SB-1 (0-2')	0	12"-9' - Brown fine- to medium sand with brick, metal, and glass fragments (FILL)
5			
10		0	9-13.5' - Brown fine- to medium sand
		0	13.5-15' - Brown sandy silt
	SB-1 (12-14')		
15			End of Boring @ 15' bgs
20			
25			

BORING LOG

Cardno ATC **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:**	Fulton South Development LLC	**Boring No.:** **SB-2**
	Cardno ATC Project No.:	015.38242.0024	**Boring Location:**
	Cardno ATC Task No.:	01	See Figure 3
Driller: Eastern Environmental	**Drilling Method:**	Geoprobe	
Inspector: John Mascioli	**Sampling Method:**	Macro Core (2" diam.)	
Groundwater: 48.12*			**Date:** June 3, 2013

Depth (ft.)	Sample Interval	PID Reading (ppm)	Lithology and Field Observations
0		0	0-12" Concrete
	SB-2 (0-2')	0	12"-8' - Brown fine- to medium sand with brick fragments (FILL)
5			
		0	8-14' - Brown fine- to medium sand
10			
	SB-2 (12-14')		
		0	14-15' - Brown sandy silt
15			End of Boring @ 15' bgs
			* - SB-02 was advanced adjacent to MW-1. TWP construction details and depth to groundwater are included in the TWP log for MW-1.
20			
25			

BORING LOG

Cardno ATC **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:**	Fulton South Development LLC	**Boring No.:** **SB-3**
	Cardno ATC Project No.:	015.38242.0024	**Boring Location:** See Figure 3
	Cardno ATC Task No.:	01	
Driller: Eastern Environmental	**Drilling Method:**	Geoprobe	
Inspector: John Mascioli	**Sampling Method:**	Macro Core (2" diam.)	
Groundwater: Not Encountered			**Date:** June 3, 2013

Depth (ft.)	Sample Interval	PID Reading (ppm)	Lithology and Field Observations
0		0	0-12" Concrete
	SB-3 (0-2')	0	12"-8' - Brown fine- to medium sand with brick and wood fragments (FILL)
	DUP (0-2)		
5			
		0	8-13' - Brown fine- to medium sand
10			
		0	13-15' - Brown sandy silt
	SB-3 (12-14')		
15			End of Boring @ 15' bgs
			Collected duplicate soil sample @ 0-2'
20			
25			

BORING LOG

Cardno ATC **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:**	Fulton South Development LLC	**Boring No.:** **SB-4**
	Cardno ATC Project No.:	015.38242.0024	**Boring Location:** See Figure 3
	Cardno ATC Task No.:	01	
Driller: Eastern Environmental	**Drilling Method:**	Geoprobe	
Inspector: John Mascioli	**Sampling Method:**	Macro Core (2" diam.)	
Groundwater: Not Encountered			**Date:** June 3, 2013

Depth (ft.)	Sample Interval	PID Reading (ppm)	Lithology and Field Observations
0		0	0-12" Concrete
	SB-4 (0-2')	0	12"-9' - Dark brown sand with brick and wood fragments (FILL)
5			
		0	9-14' - Brown fine- to medium sand
10			
	SB-4 (12-14')		
		0	14-15' - Brown sandy silt
15			End of Boring @ 15' bgs
20			
25			

BORING LOG

Cardno ATC **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:** Fulton South Development LLC	**Boring No.:** **SB-5**
	Cardno ATC Project No.: 015.38242.0024	**Boring Location:** See Figure 3
	Cardno ATC Task No.: 01	
Driller: Eastern Environmental	**Drilling Method:** Geoprobe	
Inspector: John Mascioli	**Sampling Method:** Macro Core (2" diam.)	
Groundwater: Not Encountered		**Date:** June 3, 2013

Depth (ft.)	Sample Interval	PID Reading (ppm)	Lithology and Field Observations
0		0	0-12" Concrete
	SB-5 (0-2')	0	12"-9' - Brown sand with brick, wood, and metal fragments (FILL) and black staining observed. No petroleum odor or PID readings.
5			
		0	9-13' - Brown fine- to medium sand
10			
		0	13-15' - Brown sandy silt
	SB-5 (12-14')		
15			End of Boring @ 15' bgs
20			
25			

BORING LOG

Cardno ATC **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:** Fulton South Development LLC	**Boring No.:** **SB-6**
	Cardno ATC Project No.: 015.38242.0024	**Boring Location:** See Figure 3
	Cardno ATC Task No.: 01	
Driller: Eastern Environmental	**Drilling Method:** Geoprobe	
Inspector: John Mascioli	**Sampling Method:** Macro Core (2" diam.)	
Groundwater: Not Encountered		**Date:** June 3, 2013

Depth (ft.)	Sample Interval	PID Reading (ppm)	Lithology and Field Observations
0		0	0-12" Concrete
	SB-6 (0-2')	0	12"-10' - Brown sand with brick, wood, glass, and metal fragments (FILL).
5			
10		0	10-13' - Brown fine- to medium sand
		0	13-15' - Brown sandy silt
	SB-6 (12-14')		
15			End of Boring @ 15' bgs
20			
25			

BORING LOG

Cardno ATC **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:**	Fulton South Development LLC	**Boring No.:** **SB-7**
	Cardno ATC Project No.:	015.38242.0024	**Boring Location:** See Figure 3
	Cardno ATC Task No.:	01	
Driller: Eastern Environmental	**Drilling Method:**	Geoprobe	
Inspector: John Mascioli	**Sampling Method:**	Macro Core (2" diam.)	
Groundwater: Not Encountered			**Date:** June 3, 2013

Depth (ft.)	Sample Interval	PID Reading (ppm)	Lithology and Field Observations
0		0	0-12" Concrete
	SB-7 (0-2')	0	12"-10' - Brown sand with brick, wood, glass, and metal fragments (FILL).
5			
10		0	10-13' - Brown fine- to medium sand
		0	13-15' - Brown sandy silt
	SB-7 (12-14')		
15			End of Boring @ 15' bgs
20			
25			

BORING LOG

Cardno ATC **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:**	Fulton South Development LLC	**Boring No.:** **S-1**
	Cardno ATC Project No.:	015.38242.0024	**Boring Location:** See Figure 3
	Cardno ATC Task No.:	01	
Driller: Eastern Environmental	**Drilling Method:**	Geoprobe	
Inspector: John Mascioli	**Sampling Method:**	Macro Core (2" diam.)	
Groundwater: Not Encountered			**Date:** June 3, 2013

Depth (ft.)	Sample Interval	PID Reading (ppm)	Lithology and Field Observations
0		0	0-12" Concrete
	S-1 (0-2')	0	12"-2' - Brown/gray fine- to medium sand with brick fragments (FILL).
			End of Boring @ 2' bgs
5			
10			
15			
20			
25			

BORING LOG

Cardno ATC **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:**	Fulton South Development LLC	**Boring No.:** **S-2**
	Cardno ATC Project No.:	015.38242.0024	**Boring Location:**
	Cardno ATC Task No.:	01	See Figure 3
Driller: Eastern Environmental	**Drilling Method:**	Geoprobe	
Inspector: John Mascioli	**Sampling Method:**	Macro Core (2" diam.)	
Groundwater: Not Encountered			**Date:** June 3, 2013

Depth (ft.)	Sample Interval	PID Reading (ppm)	Lithology and Field Observations
0		0	0-12" Concrete
	S-2 (0-2')	0	12"-2' - Brown/gray fine- to medium sand with brick fragments (FILL).
			End of Boring @ 2' bgs
5			
10			
15			
20			
25			

APPENDIX B:
AIR MONITORING LOGS

HEALTH AND SAFETY PLAN (HASP)
Air Quality Monitoring Record

DATE	TIME	LOCATION	INSTRUMENT	CONCENTRATION (UNITS)	SAMPLED BY
6.3.13	08:00	SB-1	PID	0.0	[redacted]
	08:15	"			
	08:30	SB-2			
	08:45	"			
	09:00	SB-3			
	09:15	"			
	09:30	SB-4			
	09:45	"			
	10:00	SB-5			
	10:15	"			
	10:30	SB-6			
	10:45	"			
	11:00	SB-3			
	11:15	"			
	11:30	"			
	11:45	"			
	12:00	SB-4			
	12:15	"			

HEALTH AND SAFETY PLAN (HASP)
Air Quality Monitoring Record

DATE	TIME	LOCATION	INSTRUMENT	CONCENTRATION (UNITS)	SAMPLED BY
6-3-13	12:30	SB-4	PID	0.0	JM
	12:45	"			
	13:00	SB-5			
	13:15	"			
	13:30	"			
	13:45	SB-2			
	14:00	"			
	14:15	"			
	14:30	SB-1			
	14:44	"			
	15:00	SB-7			
	15:15	"			
	15:30	"			
	15:45	SB-6			
	16:00	"			

HEALTH AND SAFETY PLAN (HASP)
Air Quality Monitoring Record

DATE	TIME	LOCATION	INSTRUMENT	CONCENTRATION (UNITS)	SAMPLED BY
6.4.13	08:00	MW - 2	PID	0.0	JM
	08:15	"			
	08:30	"			
	08:45	"			
	09:00	"			
	09:15	"			
	09:30	"			
	09:45	"			
	10:00	"			
	10:15	"			
	10:30	"			
	10:45	"			
	11:00	"			
	11:15	"			
	11:30	"			
	11:45	MW-1			
	12:00	"			
	12:15	"			

HEALTH AND SAFETY PLAN (HASP)
Air Quality Monitoring Record

DATE	TIME	LOCATION	INSTRUMENT	CONCENTRATION (UNITS)	SAMPLED BY
6.4.13	12:30	MW-1	PID	0.0	JM
	12:45	"			
	13:00	"			
	13:15	"			
	13:30	"			
	13:45	"			
	14:00	"			
	14:15	"			
	14:30	"			
	14:45	"			
	15:00	"			
	15:15	"			
	15:30	"			
	15:45	"			
	16:00	"			

HEALTH AND SAFETY PLAN (HASP)
Air Quality Monitoring Record

DATE	TIME	LOCATION	INSTRUMENT	CONCENTRATION (UNITS)	SAMPLED BY
6.5.13	08:00	MW-2	PID	0.0	JM
	08:15	"			
	08:30	"			
	08:45	"			
	09:00	"			
	09:15	"			
	09:30	"			
	09:45	"			
	10:00	"			
	10:15	"			
	10:30	"			
	10:45	MW-3			
	11:00	"			
	11:15	"			
	11:30	"			
	11:45	"			
	12:00	"			
	12:15	"			

HEALTH AND SAFETY PLAN (HASP)
Air Quality Monitoring Record

DATE	TIME	LOCATION	INSTRUMENT	CONCENTRATION (UNITS)	SAMPLED BY
6-5-13	12:30	"	PID	0.0	JM
	12:45	"			
	13:00	MW-4			
	13:15	"			
	13:30	"			
	12:45	"			
	14:00	"			
	14:15	"			
	14:30	"			
	14:45	"			
	15:00	"			

APPENDIX C:
LABORATORY ANALYTICAL RESULTS

Technical Report

prepared for:

Cardno ATC
104 East 25th Street
New York NY, 10010
Attention: Matt Mankovich

Report Date: 06/14/2013
Client Project ID: 015.38242.0024
York Project (SDG) No.: 13F0288

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: 06/14/2013
Client Project ID: 015.38242.0024
York Project (SDG) No.: 13F0288

Cardno ATC
104 East 25th Street
New York NY, 10010
Attention: Matt Mankovich

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 07, 2013 and listed below. The project was identified as your project: **015.38242.0024**.

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
13F0288-01	MW-1	Water	06/06/2013	06/07/2013
13F0288-02	MW-2	Water	06/06/2013	06/07/2013
13F0288-03	MW-3	Water	06/06/2013	06/07/2013
13F0288-04	MW-4	Water	06/06/2013	06/07/2013
13F0288-05	DUP (GW)	Water	06/06/2013	06/07/2013
13F0288-06	TRIP BLANK	Water	06/06/2013	06/07/2013

General Notes for York Project (SDG) No.: 13F0288

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: 06/14/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **13F0288-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 3:50 pm	06/07/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.34	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **13F0288-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 3:50 pm	06/07/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
75-09-2	Methylene chloride	**6.0**	J	ug/L	2.4	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
127-18-4	Tetrachloroethylene	**1.4**	J	ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
79-01-6	Trichloroethylene	**1.1**	J	ug/L	0.16	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 00:35	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.7 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*121 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*81.2-127*

Semi-Volatiles, EPA TCL List - Low Level

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0332	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 11:44	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0439	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 11:44	SR
120-12-7	Anthracene	ND		ug/L	0.0472	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 11:44	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0417	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 11:44	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0497	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 11:44	SR
65-85-0	Benzoic acid	ND		ug/L	8.92	10.3	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0423	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 11:44	SR

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **13F0288-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 3:50 pm	06/07/2013

Semi-Volatiles, EPA TCL List - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0426	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 11:44	SR
100-51-6	Benzyl alcohol	ND		ug/L	4.10	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0355	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 11:44	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.36	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.53	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.72	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.84	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	4.97	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	4.23	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	4.26	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	2.64	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	3.58	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
95-57-8	2-Chlorophenol	ND		ug/L	3.50	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.20	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
218-01-9	Chrysene	ND		ug/L	0.0426	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 11:44	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0318	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 11:44	SR
132-64-9	Dibenzofuran	ND		ug/L	2.97	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	4.23	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.68	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.31	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.82	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	3.60	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.17	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.26	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.78	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
131-11-3	Dimethyl phthalate	ND		ug/L	4.97	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	6.87	10.3	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
88-74-4	2-Nitroaniline	ND		ug/L	3.08	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	9.85	10.3	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.60	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.43	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	4.26	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **13F0288-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 3:50 pm	06/07/2013

Semi-Volatiles, EPA TCL List - Low Level

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0163	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 11:44	SR
86-73-7	Fluorene	ND		ug/L	0.0331	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 11:44	SR
118-74-1	Hexachlorobenzene	ND		ug/L	3.03	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	3.39	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.53	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
67-72-1	Hexachloroethane	ND		ug/L	3.72	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0282	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 11:44	SR
78-59-1	Isophorone	ND		ug/L	3.31	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	3.15	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
95-48-7	2-Methylphenol	ND		ug/L	0.879	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.81	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
91-20-3	Naphthalene	ND		ug/L	3.96	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 11:44	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.64	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
100-01-6	4-Nitroaniline	ND		ug/L	3.87	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
98-95-3	Nitrobenzene	ND		ug/L	2.02	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
100-02-7	4-Nitrophenol	ND		ug/L	4.04	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
88-75-5	2-Nitrophenol	ND		ug/L	3.18	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.64	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.71	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
87-86-5	Pentachlorophenol	ND		ug/L	3.86	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
85-01-8	Phenanthrene	ND		ug/L	0.0371	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 11:44	SR
108-95-2	Phenol	ND		ug/L	3.36	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
129-00-0	Pyrene	ND		ug/L	0.0246	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.35	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.70	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.36	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 18:31	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*68.4 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*55.1 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*27.7 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*49.6 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*13.4 %*	*10-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*94.8 %*	*30-130*

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **13F0288-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 3:50 pm	06/07/2013

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	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 00:48	JW
72-43-5	Methoxychlor	ND		ug/L	0.00513	0.00513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 00:48	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 00:48	JW
76-44-8	Heptachlor	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 00:48	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 00:48	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 00:48	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 00:48	JW
72-20-8	Endrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 00:48	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 00:48	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 00:48	JW
959-98-8	Endosulfan I	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 00:48	JW
60-57-1	Dieldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 00:48	JW
319-86-8	delta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 00:48	JW
57-74-9	Chlordane, total	ND		ug/L	0.00410	0.00410	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 00:48	JW
319-85-7	beta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 00:48	JW
319-84-6	alpha-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 00:48	JW
309-00-2	Aldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 00:48	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 00:48	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 00:48	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 00:48	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0433	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 14:51	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0433	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 14:51	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 14:51	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 14:51	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 14:51	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 14:51	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 14:51	JW
1336-36-3	Total PCBs	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 14:51	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*37.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.1 %*	*30-150*

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **13F0288-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 3:50 pm	06/07/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**1.33**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7440-39-3	Barium	**0.098**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7440-70-2	Calcium	**42.9**		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7440-47-3	Chromium	**0.011**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7440-50-8	Copper	**0.008**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7439-89-6	Iron	**2.57**		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7439-95-4	Magnesium	**27.0**		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7439-96-5	Manganese	**0.911**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7440-02-0	Nickel	**0.015**		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7440-09-7	Potassium	**3.87**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7440-23-5	Sodium	**45.6**		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW
7440-66-6	Zinc	**0.033**		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:37	MW

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW
7440-39-3	Barium	**0.069**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW
7440-70-2	Calcium	**42.5**		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW

Sample Information

Client Sample ID: **MW-1** **York Sample ID:** **13F0288-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 3:50 pm	06/07/2013

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW
7439-89-6	Iron	**0.031**		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW
7439-95-4	Magnesium	**26.9**		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW
7439-96-5	Manganese	**0.639**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW
7440-02-0	Nickel	**0.008**		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW
7440-09-7	Potassium	**3.56**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW
7440-23-5	Sodium	**45.7**		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW
7440-66-6	Zinc	ND		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:48	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA SW846-7470	06/11/2013 09:31	06/12/2013 11:37	AA

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000039	000.0002000	1	EPA SW846-7470/EPA 245.1	06/13/2013 09:28	06/13/2013 17:44	AA

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **13F0288-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 12:05 pm	06/07/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **13F0288-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 12:05 pm	06/07/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.34	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
67-66-3	Chloroform	**2.3**	J	ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **13F0288-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 12:05 pm	06/07/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	**6.2**	J	ug/L	2.4	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
79-01-6	Trichloroethylene	**4.1**	J	ug/L	0.16	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:12	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.4 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*126 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81.2-127*

Semi-Volatiles, EPA TCL List - Low Level

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0341	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:12	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0451	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:12	SR
120-12-7	Anthracene	ND		ug/L	0.0484	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:12	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0428	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:12	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0511	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:12	SR
65-85-0	Benzoic acid	ND		ug/L	9.16	10.5	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0434	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:12	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0437	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:12	SR
100-51-6	Benzyl alcohol	ND		ug/L	4.21	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **13F0288-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 12:05 pm	06/07/2013

Semi-Volatiles, EPA TCL List - Low Level

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0364	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:12	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.42	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.63	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.82	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.94	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.10	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	4.34	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	4.37	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	2.71	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	3.67	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
95-57-8	2-Chlorophenol	ND		ug/L	3.60	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.28	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
218-01-9	Chrysene	ND		ug/L	0.0437	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:12	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0326	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:12	SR
132-64-9	Dibenzofuran	ND		ug/L	3.05	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	4.34	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.72	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.40	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.89	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	3.70	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.25	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.32	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.88	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
131-11-3	Dimethyl phthalate	ND		ug/L	5.10	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	7.05	10.5	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
88-74-4	2-Nitroaniline	ND		ug/L	3.17	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	10.1	10.5	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.69	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.49	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	4.37	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
206-44-0	Fluoranthene	ND		ug/L	0.0167	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:12	SR
86-73-7	Fluorene	ND		ug/L	0.0340	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:12	SR

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **13F0288-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 12:05 pm	06/07/2013

Semi-Volatiles, EPA TCL List - Low Level

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/L	3.11	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	3.48	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.63	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
67-72-1	Hexachloroethane	ND		ug/L	3.82	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0289	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:12	SR
78-59-1	Isophorone	ND		ug/L	3.40	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	3.24	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
95-48-7	2-Methylphenol	ND		ug/L	0.902	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.91	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
91-20-3	Naphthalene	ND		ug/L	4.07	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:12	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.68	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
100-01-6	4-Nitroaniline	ND		ug/L	3.97	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
98-95-3	Nitrobenzene	ND		ug/L	2.07	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
100-02-7	4-Nitrophenol	ND		ug/L	4.15	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
88-75-5	2-Nitrophenol	ND		ug/L	3.27	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.71	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.81	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
87-86-5	Pentachlorophenol	ND		ug/L	3.96	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
85-01-8	Phenanthrene	ND		ug/L	0.0381	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:12	SR
108-95-2	Phenol	ND		ug/L	3.44	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
129-00-0	Pyrene	ND		ug/L	0.0253	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.38	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.80	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.44	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:02	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*67.0 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*57.1 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*26.7 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*46.4 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*13.1 %*	*10-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*97.2 %*	*30-130*

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **13F0288-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 12:05 pm	06/07/2013

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	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:03	JW
72-43-5	Methoxychlor	ND		ug/L	0.00513	0.00513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:03	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:03	JW
76-44-8	Heptachlor	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:03	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:03	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:03	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:03	JW
72-20-8	Endrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:03	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:03	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:03	JW
959-98-8	Endosulfan I	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:03	JW
60-57-1	Dieldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:03	JW
319-86-8	delta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:03	JW
57-74-9	Chlordane, total	ND		ug/L	0.00410	0.00410	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:03	JW
319-85-7	beta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:03	JW
319-84-6	alpha-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:03	JW
309-00-2	Aldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:03	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:03	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:03	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:03	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0433	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:11	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0433	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:11	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:11	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:11	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:11	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:11	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:11	JW
1336-36-3	Total PCBs	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:11	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*38.3 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.5 %*	*30-150*

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **13F0288-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 12:05 pm	06/07/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**2.80**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7440-39-3	Barium	**0.138**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7440-70-2	Calcium	**79.7**		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7440-47-3	Chromium	**0.011**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7440-48-4	Cobalt	**0.007**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7440-50-8	Copper	**0.010**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7439-89-6	Iron	**4.17**		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7439-92-1	Lead	**0.007**		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7439-95-4	Magnesium	**30.8**		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7439-96-5	Manganese	**0.864**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7440-02-0	Nickel	**0.023**		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7440-09-7	Potassium	**4.78**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7440-23-5	Sodium	**47.5**		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW
7440-66-6	Zinc	**0.029**		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:42	MW

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW
7440-39-3	Barium	**0.091**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW
7440-70-2	Calcium	**80.4**		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW

Sample Information

Client Sample ID: **MW-2** **York Sample ID:** **13F0288-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 12:05 pm	06/07/2013

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW
7439-89-6	Iron	**0.020**		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW
7439-95-4	Magnesium	**30.4**		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW
7439-96-5	Manganese	**0.457**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW
7440-02-0	Nickel	**0.009**		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW
7440-09-7	Potassium	**4.22**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW
7440-23-5	Sodium	**47.6**		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW
7440-66-6	Zinc	ND		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 18:52	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA SW846-7470	06/11/2013 09:31	06/12/2013 11:37	AA

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000039	000.0002000	1	EPA SW846-7470/EPA 245.1	06/13/2013 09:28	06/13/2013 17:44	AA

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **13F0288-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 1:40 pm	06/07/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.34	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **13F0288-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 1:40 pm	06/07/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
75-09-2	Methylene chloride	**6.2**	J	ug/L	2.4	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **13F0288-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 1:40 pm	06/07/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
79-01-6	Trichloroethylene	**4.5**	J	ug/L	0.16	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 01:50	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.8 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*125 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81.2-127*

Semi-Volatiles, EPA TCL List - Low Level

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0332	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:42	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0439	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:42	SR
120-12-7	Anthracene	ND		ug/L	0.0472	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:42	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0417	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:42	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0497	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:42	SR
65-85-0	Benzoic acid	ND		ug/L	8.92	10.3	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0423	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:42	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0426	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:42	SR
100-51-6	Benzyl alcohol	ND		ug/L	4.10	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0355	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:42	SR

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 13F0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 1:40 pm	06/07/2013

Semi-Volatiles, EPA TCL List - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.36	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.53	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.72	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.84	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	4.97	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	4.23	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	4.26	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	2.64	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	3.58	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
95-57-8	2-Chlorophenol	ND		ug/L	3.50	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.20	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
218-01-9	Chrysene	ND		ug/L	0.0426	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:42	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0318	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:42	SR
132-64-9	Dibenzofuran	ND		ug/L	2.97	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	4.23	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.68	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.31	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.82	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	3.60	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.17	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.26	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.78	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
131-11-3	Dimethyl phthalate	ND		ug/L	4.97	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	6.87	10.3	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
88-74-4	2-Nitroaniline	ND		ug/L	3.08	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	9.85	10.3	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.60	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.43	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	4.26	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
206-44-0	Fluoranthene	ND		ug/L	0.0163	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:42	SR
86-73-7	Fluorene	ND		ug/L	0.0331	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:42	SR
118-74-1	Hexachlorobenzene	ND		ug/L	3.03	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **13F0288-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 1:40 pm	06/07/2013

Semi-Volatiles, EPA TCL List - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	3.39	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.53	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
67-72-1	Hexachloroethane	ND		ug/L	3.72	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0282	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:42	SR
78-59-1	Isophorone	ND		ug/L	3.31	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	3.15	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
95-48-7	2-Methylphenol	ND		ug/L	0.879	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.81	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
91-20-3	Naphthalene	ND		ug/L	3.96	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.64	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
100-01-6	4-Nitroaniline	ND		ug/L	3.87	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
98-95-3	Nitrobenzene	ND		ug/L	2.02	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
100-02-7	4-Nitrophenol	ND		ug/L	4.04	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
88-75-5	2-Nitrophenol	ND		ug/L	3.18	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.64	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.71	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
87-86-5	Pentachlorophenol	ND		ug/L	3.86	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
85-01-8	Phenanthrene	ND		ug/L	0.0371	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:42	SR
108-95-2	Phenol	ND		ug/L	3.36	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
129-00-0	Pyrene	ND		ug/L	0.0246	0.0513	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 12:42	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.35	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.70	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.36	5.13	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 19:34	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*74.1 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*65.0 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*24.1 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*61.6 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*14.5 %*	*10-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*102 %*	*30-130*

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **13F0288-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 1:40 pm	06/07/2013

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	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:19	JW
72-43-5	Methoxychlor	ND		ug/L	0.00513	0.00513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:19	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:19	JW
76-44-8	Heptachlor	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:19	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:19	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:19	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:19	JW
72-20-8	Endrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:19	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:19	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:19	JW
959-98-8	Endosulfan I	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:19	JW
60-57-1	Dieldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:19	JW
319-86-8	delta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:19	JW
57-74-9	Chlordane, total	ND		ug/L	0.00410	0.00410	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:19	JW
319-85-7	beta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:19	JW
319-84-6	alpha-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:19	JW
309-00-2	Aldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:19	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:19	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:19	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:19	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0433	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:30	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0433	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:30	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:30	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:30	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:30	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:30	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:30	JW
1336-36-3	Total PCBs	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:30	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*38.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.4 %*	*30-150*

Sample Information

Client Sample ID: **MW-3** **York Sample ID:** **13F0288-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 1:40 pm	06/07/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**4.18**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7440-39-3	Barium	**0.164**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7440-70-2	Calcium	**56.6**		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7440-47-3	Chromium	**0.030**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7440-48-4	Cobalt	**0.012**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7440-50-8	Copper	**0.020**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7439-89-6	Iron	**7.57**		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7439-92-1	Lead	**0.011**		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7439-95-4	Magnesium	**25.7**		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7439-96-5	Manganese	**1.52**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7440-02-0	Nickel	**0.041**		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7440-09-7	Potassium	**4.31**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7440-23-5	Sodium	**45.9**		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW
7440-66-6	Zinc	**0.056**		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:47	MW

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW
7440-39-3	Barium	**0.062**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW
7440-70-2	Calcium	**55.9**		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 13F0288-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 1:40 pm	06/07/2013

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW
7439-89-6	Iron	**0.028**		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW
7439-95-4	Magnesium	**23.6**		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW
7439-96-5	Manganese	**0.569**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW
7440-02-0	Nickel	**0.008**		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW
7440-09-7	Potassium	**3.42**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW
7782-49-2	Selenium	**0.010**		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW
7440-23-5	Sodium	**45.4**		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW
7440-66-6	Zinc	ND		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:10	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA SW846-7470	06/11/2013 09:31	06/12/2013 11:37	AA

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000039	000.0002000	1	EPA SW846-7470/EPA 245.1	06/13/2013 09:28	06/13/2013 17:44	AA

Sample Information

Client Sample ID: MW-4 **York Sample ID:** 13F0288-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 2:45 pm	06/07/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.34	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **13F0288-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 2:45 pm	06/07/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
75-09-2	Methylene chloride	**6.1**	J	ug/L	2.4	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **13F0288-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 2:45 pm	06/07/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
79-01-6	Trichloroethylene	**1.6**	J	ug/L	0.16	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 02:27	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.3 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*128 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81.2-127*

Semi-Volatiles, EPA TCL List - Low Level

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0341	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:10	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0451	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:10	SR
120-12-7	Anthracene	ND		ug/L	0.0484	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:10	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0428	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:10	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0511	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:10	SR
65-85-0	Benzoic acid	ND		ug/L	9.16	10.5	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0434	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:10	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0437	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:10	SR
100-51-6	Benzyl alcohol	ND		ug/L	4.21	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0364	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:10	SR

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **13F0288-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 2:45 pm	06/07/2013

Semi-Volatiles, EPA TCL List - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.42	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.63	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.82	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
106-47-8	4-Chloroaniline	ND		ug/L	3.94	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.10	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	4.34	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	4.37	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	2.71	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	3.67	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
95-57-8	2-Chlorophenol	ND		ug/L	3.60	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.28	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
218-01-9	Chrysene	ND		ug/L	0.0437	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:10	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0326	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:10	SR
132-64-9	Dibenzofuran	ND		ug/L	3.05	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	4.34	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.72	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.40	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.89	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	3.70	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.25	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.32	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.88	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
131-11-3	Dimethyl phthalate	ND		ug/L	5.10	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
88-74-4	2-Nitroaniline	ND		ug/L	3.17	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	7.05	10.5	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	10.1	10.5	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.69	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.49	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	4.37	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
206-44-0	Fluoranthene	**0.158**		ug/L	0.0167	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:10	SR
86-73-7	Fluorene	ND		ug/L	0.0340	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:10	SR
118-74-1	Hexachlorobenzene	ND		ug/L	3.11	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **13F0288-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 2:45 pm	06/07/2013

Semi-Volatiles, EPA TCL List - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	3.48	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.63	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
67-72-1	Hexachloroethane	ND		ug/L	3.82	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0289	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:10	SR
78-59-1	Isophorone	ND		ug/L	3.40	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	3.24	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
95-48-7	2-Methylphenol	ND		ug/L	0.902	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	3.91	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
91-20-3	Naphthalene	ND		ug/L	4.07	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:10	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.68	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
100-01-6	4-Nitroaniline	ND		ug/L	3.97	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
98-95-3	Nitrobenzene	ND		ug/L	2.07	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
100-02-7	4-Nitrophenol	ND		ug/L	4.15	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
88-75-5	2-Nitrophenol	ND		ug/L	3.27	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.71	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.81	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
87-86-5	Pentachlorophenol	ND		ug/L	3.96	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
85-01-8	Phenanthrene	**0.284**		ug/L	0.0381	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:10	SR
108-95-2	Phenol	ND		ug/L	3.44	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
129-00-0	Pyrene	**0.126**		ug/L	0.0253	0.0526	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:10	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.38	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.80	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.44	5.26	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:06	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*65.8 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*54.2 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*31.2 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*47.2 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*16.6 %*	*10-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*93.3 %*	*30-130*

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **13F0288-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 2:45 pm	06/07/2013

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	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:34	JW
72-43-5	Methoxychlor	ND		ug/L	0.00513	0.00513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:34	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:34	JW
76-44-8	Heptachlor	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:34	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:34	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:34	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:34	JW
72-20-8	Endrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:34	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:34	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:34	JW
959-98-8	Endosulfan I	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:34	JW
60-57-1	Dieldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:34	JW
319-86-8	delta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:34	JW
57-74-9	Chlordane, total	ND		ug/L	0.00410	0.00410	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:34	JW
319-85-7	beta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:34	JW
319-84-6	alpha-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:34	JW
309-00-2	Aldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:34	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:34	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:34	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:34	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0433	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:50	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0433	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:50	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:50	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:50	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:50	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:50	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:50	JW
1336-36-3	Total PCBs	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 15:50	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*44.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*101 %*	*30-150*

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **13F0288-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 2:45 pm	06/07/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**1.28**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7440-39-3	Barium	**0.101**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7440-70-2	Calcium	**48.0**		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7440-47-3	Chromium	**0.009**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7440-50-8	Copper	**0.008**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7439-89-6	Iron	**2.54**		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7439-92-1	Lead	**0.005**		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7439-95-4	Magnesium	**20.8**		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7439-96-5	Manganese	**0.849**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7440-02-0	Nickel	**0.020**		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7440-09-7	Potassium	**3.66**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7440-23-5	Sodium	**34.6**		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW
7440-66-6	Zinc	**0.028**		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:52	MW

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW
7440-39-3	Barium	**0.061**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW
7440-70-2	Calcium	**49.1**		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW

Sample Information

Client Sample ID: **MW-4** **York Sample ID:** **13F0288-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 2:45 pm	06/07/2013

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW
7439-89-6	Iron	**0.024**		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW
7439-95-4	Magnesium	**20.8**		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW
7439-96-5	Manganese	**0.523**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW
7440-02-0	Nickel	**0.008**		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW
7440-09-7	Potassium	**3.51**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW
7440-23-5	Sodium	**35.0**		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW
7440-66-6	Zinc	ND		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:15	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA SW846-7470	06/11/2013 09:31	06/12/2013 11:37	AA

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000039	000.0002000	1	EPA SW846-7470/EPA 245.1	06/13/2013 09:28	06/13/2013 17:44	AA

Sample Information

Client Sample ID: **DUP (GW)** **York Sample ID:** **13F0288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 3:00 pm	06/07/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS

Sample Information

Client Sample ID: **DUP (GW)** **York Sample ID:** **13F0288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 3:00 pm	06/07/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.34	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS

Sample Information

Client Sample ID: **DUP (GW)** **York Sample ID:** **13F0288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 3:00 pm	06/07/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	**6.3**	J	ug/L	2.4	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
127-18-4	Tetrachloroethylene	**1.2**	J	ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
79-01-6	Trichloroethylene	**0.82**	J	ug/L	0.16	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:04	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*126 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81.2-127*

Semi-Volatiles, EPA TCL List - Low Level

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0350	0.0541	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:40	SR
208-96-8	Acenaphthylene	ND		ug/L	0.0463	0.0541	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:40	SR
120-12-7	Anthracene	ND		ug/L	0.0497	0.0541	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:40	SR
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0440	0.0541	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:40	SR
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0524	0.0541	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:40	SR
65-85-0	Benzoic acid	ND		ug/L	9.41	10.8	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0445	0.0541	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:40	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0449	0.0541	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:40	SR
100-51-6	Benzyl alcohol	ND		ug/L	4.32	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR

Sample Information

Client Sample ID: **DUP (GW)** **York Sample ID:** **13F0288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 3:00 pm	06/07/2013

Semi-Volatiles, EPA TCL List - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0374	0.0541	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:40	SR
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.49	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	3.73	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	3.92	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
106-47-8	4-Chloroaniline	ND		ug/L	4.04	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	5.24	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	4.45	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	4.49	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	2.78	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:40	SR
91-58-7	2-Chloronaphthalene	ND		ug/L	3.77	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
95-57-8	2-Chlorophenol	ND		ug/L	3.69	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	3.37	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
218-01-9	Chrysene	ND		ug/L	0.0449	0.0541	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0335	0.0541	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
132-64-9	Dibenzofuran	ND		ug/L	3.14	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
84-74-2	Di-n-butyl phthalate	ND		ug/L	4.45	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.77	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/L	3.49	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.97	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/L	3.80	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
120-83-2	2,4-Dichlorophenol	ND		ug/L	3.34	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
84-66-2	Diethyl phthalate	ND		ug/L	2.38	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
105-67-9	2,4-Dimethylphenol	ND		ug/L	3.98	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
131-11-3	Dimethyl phthalate	ND		ug/L	5.24	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
88-74-4	2-Nitroaniline	ND		ug/L	3.25	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	7.24	10.8	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
51-28-5	2,4-Dinitrophenol	ND		ug/L	10.4	10.8	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/L	3.79	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.56	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
117-84-0	Di-n-octyl phthalate	ND		ug/L	4.49	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
206-44-0	Fluoranthene	ND		ug/L	0.0172	0.0541	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:40	SR
86-73-7	Fluorene	ND		ug/L	0.0349	0.0541	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:40	SR

Sample Information

Client Sample ID: **DUP (GW)** **York Sample ID:** **13F0288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 3:00 pm	06/07/2013

Semi-Volatiles, EPA TCL List - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/L	3.20	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
87-68-3	Hexachlorobutadiene	ND		ug/L	3.58	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	3.73	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
67-72-1	Hexachloroethane	ND		ug/L	3.92	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0297	0.0541	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:40	SR
78-59-1	Isophorone	ND		ug/L	3.49	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
91-57-6	2-Methylnaphthalene	ND		ug/L	3.32	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
95-48-7	2-Methylphenol	ND		ug/L	0.927	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/L	4.02	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
91-20-3	Naphthalene	ND		ug/L	4.18	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:40	SR
99-09-2	3-Nitroaniline	ND		ug/L	1.72	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
100-01-6	4-Nitroaniline	ND		ug/L	4.07	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
98-95-3	Nitrobenzene	ND		ug/L	2.13	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
100-02-7	4-Nitrophenol	ND		ug/L	4.26	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
88-75-5	2-Nitrophenol	ND		ug/L	3.35	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	3.91	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
87-86-5	Pentachlorophenol	ND		ug/L	4.07	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
85-01-8	Phenanthrene	ND		ug/L	0.0391	0.0541	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
108-95-2	Phenol	ND		ug/L	3.54	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
129-00-0	Pyrene	ND		ug/L	0.0259	0.0541	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/14/2013 13:40	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.42	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	3.90	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	3.54	5.41	1	EPA SW846-8270C/EPA 625	06/13/2013 06:54	06/13/2013 20:38	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*71.0 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*53.0 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*17.5 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*50.6 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*11.5 %*	*10-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*81.4 %*	*30-130*

Sample Information

Client Sample ID: **DUP (GW)** **York Sample ID:** **13F0288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 3:00 pm	06/07/2013

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	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.0513	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:49	JW
72-43-5	Methoxychlor	ND		ug/L	0.00513	0.00513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:49	JW
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:49	JW
76-44-8	Heptachlor	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:49	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:49	JW
53494-70-5	Endrin ketone	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:49	JW
7421-93-4	Endrin aldehyde	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:49	JW
72-20-8	Endrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:49	JW
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:49	JW
33213-65-9	Endosulfan II	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:49	JW
959-98-8	Endosulfan I	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:49	JW
60-57-1	Dieldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:49	JW
319-86-8	delta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:49	JW
57-74-9	Chlordane, total	ND		ug/L	0.00410	0.00410	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:49	JW
319-85-7	beta-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:49	JW
319-84-6	alpha-BHC	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:49	JW
309-00-2	Aldrin	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:49	JW
50-29-3	4,4'-DDT	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:49	JW
72-55-9	4,4'-DDE	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:49	JW
72-54-8	4,4'-DDD	ND		ug/L	0.00103	0.00103	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/12/2013 01:49	JW
11096-82-5	Aroclor 1260	ND		ug/L	0.0433	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 16:10	JW
11097-69-1	Aroclor 1254	ND		ug/L	0.0433	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 16:10	JW
12672-29-6	Aroclor 1248	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 16:10	JW
53469-21-9	Aroclor 1242	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 16:10	JW
11141-16-5	Aroclor 1232	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 16:10	JW
11104-28-2	Aroclor 1221	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 16:10	JW
12674-11-2	Aroclor 1016	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 16:10	JW
1336-36-3	Total PCBs	ND		ug/L	0.0372	0.0513	1	EPA SW 846-8081/8082	06/11/2013 05:50	06/14/2013 16:10	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*46.6 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*99.2 %*	*30-150*

Sample Information

Client Sample ID: **DUP (GW)** **York Sample ID:** **13F0288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 3:00 pm	06/07/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**1.37**		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7440-39-3	Barium	**0.101**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7440-70-2	Calcium	**42.0**		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7440-47-3	Chromium	**0.012**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7440-50-8	Copper	**0.009**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7439-89-6	Iron	**2.63**		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7439-95-4	Magnesium	**26.6**		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7439-96-5	Manganese	**0.918**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7440-02-0	Nickel	**0.015**		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7440-09-7	Potassium	**3.81**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7440-23-5	Sodium	**45.8**		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW
7440-66-6	Zinc	**0.034**		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	06/11/2013 16:32	06/11/2013 20:57	MW

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.010	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW
7440-36-0	Antimony	ND		mg/L	0.003	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW
7440-38-2	Arsenic	ND		mg/L	0.004	0.004	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW
7440-39-3	Barium	**0.069**		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW
7440-41-7	Beryllium	ND		mg/L	0.001	0.001	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW
7440-43-9	Cadmium	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW
7440-70-2	Calcium	**42.5**		mg/L	0.019	0.050	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW
7440-47-3	Chromium	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW

Sample Information

Client Sample ID: **DUP (GW)** **York Sample ID:** **13F0288-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 3:00 pm	06/07/2013

Metals, Target Analyte, Dissolved

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

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW
7440-50-8	Copper	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW
7439-89-6	Iron	**0.045**		mg/L	0.010	0.020	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW
7439-92-1	Lead	ND		mg/L	0.002	0.003	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW
7439-95-4	Magnesium	**27.0**		mg/L	0.010	0.050	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW
7439-96-5	Manganese	**0.640**		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW
7440-02-0	Nickel	**0.007**		mg/L	0.001	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW
7440-09-7	Potassium	**3.58**		mg/L	0.026	0.050	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW
7782-49-2	Selenium	ND		mg/L	0.007	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW
7440-22-4	Silver	ND		mg/L	0.002	0.005	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW
7440-23-5	Sodium	**46.0**		mg/L	0.061	0.100	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW
7440-28-0	Thallium	ND		mg/L	0.003	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW
7440-62-2	Vanadium	ND		mg/L	0.002	0.010	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW
7440-66-6	Zinc	ND		mg/L	0.002	0.020	1	EPA SW846-6010B/EPA 200.7	06/12/2013 15:40	06/12/2013 19:20	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	0.0002	1	EPA SW846-7470	06/11/2013 09:31	06/12/2013 11:37	AA

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.000039000	0.0002000	1	EPA SW846-7470/EPA 245.1	06/13/2013 09:28	06/13/2013 17:44	AA

Sample Information

Client Sample ID: **TRIP BLANK** **York Sample ID:** **13F0288-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 3:00 pm	06/07/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS

Sample Information

Client Sample ID: TRIP BLANK

York Sample ID: 13F0288-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 3:00 pm	06/07/2013

Volatile Organics, TCL (Target Compound List)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.34	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS

Sample Information

Client Sample ID: **TRIP BLANK** **York Sample ID:** **13F0288-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0288	015.38242.0024	Water	June 6, 2013 3:00 pm	06/07/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	**6.2**	J	ug/L	2.4	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	06/10/2013 16:15	06/12/2013 03:41	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.3 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*117 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.7 %*	*81.2-127*

Analytical Batch Summary

Batch ID: BF30442 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** KAM

YORK Sample ID	Client Sample ID	Preparation Date
13F0288-01	MW-1	06/11/13
13F0288-02	MW-2	06/11/13
13F0288-03	MW-3	06/11/13
13F0288-04	MW-4	06/11/13
13F0288-05	DUP (GW)	06/11/13

Batch ID: BF30477 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13F0288-01	MW-1	06/11/13
13F0288-02	MW-2	06/11/13
13F0288-03	MW-3	06/11/13
13F0288-04	MW-4	06/11/13
13F0288-05	DUP (GW)	06/11/13
BF30477-BLK1	Blank	06/11/13
BF30477-BS1	LCS	06/11/13

Batch ID: BF30512 **Preparation Method:** EPA 5030B **Prepared By:** BK

YORK Sample ID	Client Sample ID	Preparation Date
13F0288-01	MW-1	06/10/13
13F0288-02	MW-2	06/10/13
13F0288-03	MW-3	06/10/13
13F0288-04	MW-4	06/10/13
13F0288-05	DUP (GW)	06/10/13
13F0288-06	TRIP BLANK	06/10/13
BF30512-BLK1	Blank	06/11/13
BF30512-BS1	LCS	06/11/13
BF30512-BSD1	LCS Dup	06/11/13
BF30512-MS1	Matrix Spike	06/11/13

Batch ID: BF30513 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13F0288-01	MW-1	06/11/13
13F0288-02	MW-2	06/11/13
13F0288-03	MW-3	06/11/13
13F0288-04	MW-4	06/11/13
13F0288-05	DUP (GW)	06/11/13
BF30513-BLK1	Blank	06/11/13
BF30513-SRM1	Reference	06/11/13
BF30513-SRM2	Reference	06/11/13

Batch ID: BF30578 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13F0288-01	MW-1	06/12/13
13F0288-02	MW-2	06/12/13
13F0288-03	MW-3	06/12/13
13F0288-04	MW-4	06/12/13
13F0288-05	DUP (GW)	06/12/13
BF30578-BLK1	Blank	06/12/13
BF30578-SRM1	Reference	06/12/13
BF30578-SRM2	Reference	06/12/13

Batch ID: BF30586 **Preparation Method:** EPA 3510C **Prepared By:** TFD

YORK Sample ID	Client Sample ID	Preparation Date
13F0288-01	MW-1	06/13/13
13F0288-02	MW-2	06/13/13
13F0288-03	MW-3	06/13/13
13F0288-04	MW-4	06/13/13
13F0288-05	DUP (GW)	06/13/13
BF30586-BLK1	Blank	06/13/13
BF30586-BS1	LCS	06/13/13
BF30586-BS2	LCS	06/13/13
BF30586-BSD1	LCS Dup	06/13/13

Batch ID: BF30605 **Preparation Method:** EPA SW846-7470 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13F0288-01	MW-1	06/13/13
13F0288-02	MW-2	06/13/13
13F0288-03	MW-3	06/13/13
13F0288-04	MW-4	06/13/13
13F0288-05	DUP (GW)	06/13/13
BF30605-BLK1	Blank	06/13/13
BF30605-BS1	LCS	06/13/13

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30512 - EPA 5030B											
Blank (BF30512-BLK1)								Prepared & Analyzed: 06/11/2013			
1,1,1-Trichloroethane	ND	5.0	ug/L								
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	"								
1,2,4-Trichlorobenzene	ND	10	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	10	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
2-Butanone	ND	10	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	10	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	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	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	1.2	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
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	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30512 - EPA 5030B											
Blank (BF30512-BLK1)							Prepared & Analyzed: 06/11/2013				
Surrogate: 1,2-Dichloroethane-d4	*48.1*		*ug/L*	*50.0*		*96.3*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*61.9*		*"*	*50.0*		*124*	*63.5-145*				
Surrogate: Toluene-d8	*51.6*		*"*	*50.0*		*103*	*81.2-127*				
LCS (BF30512-BS1)							Prepared & Analyzed: 06/11/2013				
1,1,1-Trichloroethane	49		ug/L	50.0		97.3	75.6-137				
1,1,2,2-Tetrachloroethane	53		"	50.0		105	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		100	71.1-129				
1,1,2-Trichloroethane	51		"	50.0		103	74.5-129				
1,1-Dichloroethane	50		"	50.0		99.5	79.6-132				
1,1-Dichloroethylene	48		"	50.0		96.6	80.2-146				
1,2,4-Trichlorobenzene	42		"	50.0		84.8	70.6-136				
1,2,4-Trimethylbenzene	47		"	50.0		93.9	70-130				
1,2-Dibromo-3-chloropropane	84		"	50.0		167	58.9-140	High Bias			
1,2-Dibromoethane	51		"	50.0		102	79-130				
1,2-Dichloroethane	49		"	50.0		99.0	74.6-132				
1,2-Dichloropropane	51		"	50.0		102	76.9-129				
1,3,5-Trimethylbenzene	48		"	50.0		97.0	70-130				
2-Butanone	57		"	50.0		113	66.7-132				
2-Hexanone	52		"	50.0		104	68.1-137				
4-Methyl-2-pentanone	37		"	50.0		74.0	62.2-130				
Acetone	32		"	50.0		63.9	15-186				
Benzene	48		"	50.0		96.5	76.2-129				
Bromodichloromethane	51		"	50.0		103	79.7-134				
Bromoform	52		"	50.0		103	70.5-141				
Bromomethane	43		"	50.0		86.0	43.9-147				
Carbon disulfide	93		"	100		92.7	64-123				
Carbon tetrachloride	49		"	50.0		99.0	78.1-138				
Chlorobenzene	49		"	50.0		98.1	80.4-125				
Chloroethane	47		"	50.0		94.6	55.8-140				
Chloroform	49		"	50.0		97.9	76.6-133				
Chloromethane	52		"	50.0		105	48.8-115				
cis-1,2-Dichloroethylene	45		"	50.0		90.5	75.1-128				
cis-1,3-Dichloropropylene	52		"	50.0		104	74.5-128				
Dibromochloromethane	53		"	50.0		106	79.8-134				
Dichlorodifluoromethane	56		"	50.0		112	47.1-101	High Bias			
Ethyl Benzene	51		"	50.0		102	80.8-128				
Isopropylbenzene	49		"	50.0		97.8	75.5-135				
Methyl tert-butyl ether (MTBE)	51		"	50.0		102	65.1-140				
Methylene chloride	43		"	50.0		86.3	61.3-120				
Naphthalene	50		"	50.0		99.7	70-130				
n-Butylbenzene	46		"	50.0		92.1	70-130				
n-Propylbenzene	49		"	50.0		98.1	70-130				
o-Xylene	49		"	50.0		97.2	75.9-122				
p- & m- Xylenes	100		"	100		102	77.7-127				
sec-Butylbenzene	49		"	50.0		98.6	70-130				
Styrene	51		"	50.0		101	77.8-123				
tert-Butylbenzene	48		"	50.0		96.0	70-130				
Tetrachloroethylene	49		"	50.0		98.0	63.6-167				
Toluene	48		"	50.0		95.5	77-123				
trans-1,2-Dichloroethylene	47		"	50.0		94.3	76.3-139				
trans-1,3-Dichloropropylene	50		"	50.0		100	72.5-137				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30512 - EPA 5030B											
LCS (BF30512-BS1)								Prepared & Analyzed: 06/11/2013			
Trichloroethylene	50		ug/L	50.0		100	77.9-130				
Trichlorofluoromethane	49		"	50.0		98.1	57.4-133				
Vinyl Chloride	48		"	50.0		96.6	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*47.2*		*"*	*50.0*		*94.5*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*63.5-145*				
Surrogate: Toluene-d8	*50.8*		*"*	*50.0*		*102*	*81.2-127*				
LCS Dup (BF30512-BSD1)								Prepared & Analyzed: 06/11/2013			
1,1,1-Trichloroethane	49		ug/L	50.0		98.6	75.6-137		1.27	19.7	
1,1,2,2-Tetrachloroethane	50		"	50.0		101	71.3-131		4.29	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		103	71.1-129		2.50	21.7	
1,1,2-Trichloroethane	51		"	50.0		101	74.5-129		1.47	20.3	
1,1-Dichloroethane	50		"	50.0		99.5	79.6-132		0.0603	20.6	
1,1-Dichloroethylene	50		"	50.0		99.3	80.2-146		2.74	20	
1,2,4-Trichlorobenzene	45		"	50.0		90.9	70.6-136		6.92	21.7	
1,2,4-Trimethylbenzene	46		"	50.0		92.2	70-130		1.87	30	
1,2-Dibromo-3-chloropropane	79		"	50.0		157	58.9-140	High Bias	6.06	27.7	
1,2-Dibromoethane	48		"	50.0		96.7	79-130		5.49	23	
1,2-Dichloroethane	51		"	50.0		101	74.6-132		2.36	20.2	
1,2-Dichloropropane	49		"	50.0		97.6	76.9-129		4.00	20.7	
1,3,5-Trimethylbenzene	48		"	50.0		96.1	70-130		0.891	30	
2-Butanone	53		"	50.0		107	66.7-132		5.95	22	
2-Hexanone	48		"	50.0		95.9	68.1-137		8.53	20.5	
4-Methyl-2-pentanone	36		"	50.0		71.1	62.2-130		4.00	18	
Acetone	31		"	50.0		61.0	15-186		4.55	57	
Benzene	50		"	50.0		99.0	76.2-129		2.62	19	
Bromodichloromethane	49		"	50.0		98.8	79.7-134		3.81	21	
Bromoform	50		"	50.0		100	70.5-141		2.99	21.8	
Bromomethane	44		"	50.0		87.3	43.9-147		1.45	28.4	
Carbon disulfide	95		"	100		95.0	64-123		2.44	20	
Carbon tetrachloride	50		"	50.0		99.7	78.1-138		0.705	20.1	
Chlorobenzene	48		"	50.0		95.7	80.4-125		2.44	19.9	
Chloroethane	50		"	50.0		100	55.8-140		6.07	23.3	
Chloroform	50		"	50.0		99.9	76.6-133		2.08	20.3	
Chloromethane	54		"	50.0		108	48.8-115		3.21	24.5	
cis-1,2-Dichloroethylene	47		"	50.0		93.8	75.1-128		3.58	20.5	
cis-1,3-Dichloropropylene	50		"	50.0		101	74.5-128		3.33	19.9	
Dibromochloromethane	52		"	50.0		103	79.8-134		2.54	21.3	
Dichlorodifluoromethane	54		"	50.0		109	47.1-101	High Bias	3.15	23.9	
Ethyl Benzene	49		"	50.0		98.1	80.8-128		3.62	19.2	
Isopropylbenzene	48		"	50.0		95.9	75.5-135		1.98	20	
Methyl tert-butyl ether (MTBE)	51		"	50.0		102	65.1-140		0.0589	23.6	
Methylene chloride	45		"	50.0		89.8	61.3-120		4.02	20.4	
Naphthalene	50		"	50.0		101	70-130		0.998	30	
n-Butylbenzene	48		"	50.0		96.1	70-130		4.27	30	
n-Propylbenzene	48		"	50.0		96.6	70-130		1.58	30	
o-Xylene	48		"	50.0		96.3	75.9-122		0.848	19.3	
p- & m- Xylenes	98		"	100		98.5	77.7-127		3.35	18.6	
sec-Butylbenzene	49		"	50.0		97.4	70-130		1.18	30	
Styrene	50		"	50.0		99.8	77.8-123		1.43	20.9	
tert-Butylbenzene	45		"	50.0		90.3	70-130		6.12	30	
Tetrachloroethylene	48		"	50.0		95.9	63.6-167		2.10	27.7	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30512 - EPA 5030B											
LCS Dup (BF30512-BSD1)								Prepared & Analyzed: 06/11/2013			
Toluene	47		ug/L	50.0		94.3	77-123		1.33	18.7	
trans-1,2-Dichloroethylene	47		"	50.0		94.5	76.3-139		0.212	19.5	
trans-1,3-Dichloropropylene	49		"	50.0		97.7	72.5-137		2.51	19.3	
Trichloroethylene	49		"	50.0		97.2	77.9-130		3.12	20.5	
Trichlorofluoromethane	50		"	50.0		99.3	57.4-133		1.22	21.4	
Vinyl Chloride	49		"	50.0		98.1	54.9-124		1.56	22.3	
Surrogate: 1,2-Dichloroethane-d4	*46.0*		*"*	*50.0*		*92.1*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*63.5-145*				
Surrogate: Toluene-d8	*48.6*		*"*	*50.0*		*97.2*	*81.2-127*				
Matrix Spike (BF30512-MS1)	*Source sample: 13F0288-04 (MW-4)							Prepared: 06/11/2013 Analyzed: 06/12/2013			
1,1,1-Trichloroethane	52		ug/L	50.0	ND	105	85.7-133				
1,1,2,2-Tetrachloroethane	54		"	50.0	ND	109	78.6-136				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0	ND	106	74.8-131				
1,1,2-Trichloroethane	52		"	50.0	ND	105	82.5-129				
1,1-Dichloroethane	52		"	50.0	ND	105	81.4-137				
1,1-Dichloroethylene	51		"	50.0	ND	101	90-138				
1,2,4-Trichlorobenzene	41		"	50.0	ND	82.6	69.8-135				
1,2,4-Trimethylbenzene	47		"	50.0	ND	93.5	70-130				
1,2-Dibromo-3-chloropropane	77		"	50.0	ND	153	66.6-143	High Bias			
1,2-Dibromoethane	51		"	50.0	ND	101	79.8-136				
1,2-Dichloroethane	53		"	50.0	ND	106	85-133				
1,2-Dichloropropane	48		"	50.0	ND	96.8	81.1-132				
1,3,5-Trimethylbenzene	48		"	50.0	ND	96.8	70-130				
2-Butanone	57		"	50.0	ND	114	75.5-105	High Bias			
2-Hexanone	48		"	50.0	ND	95.8	62.9-143				
4-Methyl-2-pentanone	36		"	50.0	ND	71.8	70-130				
Acetone	32		"	50.0	ND	64.5	37.9-108				
Benzene	53		"	50.0	ND	106	74.1-134				
Bromodichloromethane	51		"	50.0	ND	101	80.8-143				
Bromoform	55		"	50.0	ND	110	65.8-164				
Bromomethane	41		"	50.0	ND	82.6	68.7-112				
Carbon disulfide	99		"	100	ND	99.4	69-93.4	High Bias			
Carbon tetrachloride	52		"	50.0	ND	104	85.7-138				
Chlorobenzene	47		"	50.0	ND	94.5	79.9-129				
Chloroethane	53		"	50.0	ND	107	74.7-127				
Chloroform	53		"	50.0	ND	105	50.6-145				
Chloromethane	47		"	50.0	ND	94.1	64-111				
cis-1,2-Dichloroethylene	49		"	50.0	ND	97.8	75.5-129				
cis-1,3-Dichloropropylene	49		"	50.0	ND	98.1	74.3-128				
Dibromochloromethane	50		"	50.0	ND	101	76.8-150				
Dichlorodifluoromethane	55		"	50.0	ND	110	51-100	High Bias			
Ethyl Benzene	49		"	50.0	ND	97.3	82.9-127				
Isopropylbenzene	50		"	50.0	ND	99.1	78.7-131				
Methyl tert-butyl ether (MTBE)	53		"	50.0	ND	105	81.2-134				
Methylene chloride	49		"	50.0	6.1	85.8	57.8-103				
Naphthalene	48		"	50.0	ND	95.2	70-130				
n-Butylbenzene	46		"	50.0	ND	92.5	70-130				
n-Propylbenzene	49		"	50.0	ND	98.8	70-130				
o-Xylene	47		"	50.0	ND	94.0	78.8-122				
p- & m- Xylenes	97		"	100	ND	96.8	82.5-123				
sec-Butylbenzene	49		"	50.0	ND	98.7	70-130				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30512 - EPA 5030B											
Matrix Spike (BF30512-MS1)	*Source sample: 13F0288-04 (MW-4)						Prepared: 06/11/2013 Analyzed: 06/12/2013				
Styrene	47		ug/L	50.0	ND	93.6	74.1-134				
tert-Butylbenzene	50		"	50.0	ND	99.1	70-130				
Tetrachloroethylene	43		"	50.0	ND	86.9	72.5-130				
Toluene	47		"	50.0	ND	94.3	77.8-121				
trans-1,2-Dichloroethylene	50		"	50.0	ND	100	83.8-140				
trans-1,3-Dichloropropylene	48		"	50.0	ND	96.1	74.9-136				
Trichloroethylene	51		"	50.0	1.6	98.6	84.4-125				
Trichlorofluoromethane	51		"	50.0	ND	103	78.7-127				
Vinyl Chloride	48		"	50.0	ND	96.8	72.1-116				
Surrogate: 1,2-Dichloroethane-d4	*52.7*		*"*	*50.0*		*105*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*54.2*		*"*	*50.0*		*108*	*63.5-145*				
Surrogate: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*81.2-127*				

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30586 - EPA 3510C											
Blank (BF30586-BLK1)								Prepared: 06/13/2013 Analyzed: 06/14/2013			
Acenaphthene	ND	0.125	ug/L								
Acenaphthylene	ND	0.125	"								
Anthracene	ND	0.125	"								
Benzo(a)anthracene	ND	0.125	"								
Benzo(a)pyrene	ND	0.125	"								
Benzoic acid	ND	25.0	"								
Benzo(b)fluoranthene	ND	0.125	"								
Benzo(g,h,i)perylene	ND	0.125	"								
Benzyl alcohol	ND	12.5	"								
Benzo(k)fluoranthene	ND	0.125	"								
Benzyl butyl phthalate	ND	12.5	"								
4-Bromophenyl phenyl ether	ND	12.5	"								
4-Chloro-3-methylphenol	ND	12.5	"								
4-Chloroaniline	ND	12.5	"								
Bis(2-chloroethoxy)methane	ND	12.5	"								
Bis(2-chloroethyl)ether	ND	12.5	"								
Bis(2-chloroisopropyl)ether	ND	12.5	"								
Bis(2-ethylhexyl)phthalate	ND	12.5	"								
2-Chloronaphthalene	ND	12.5	"								
2-Chlorophenol	ND	12.5	"								
4-Chlorophenyl phenyl ether	ND	12.5	"								
Chrysene	ND	0.125	"								
Dibenzo(a,h)anthracene	ND	0.125	"								
Dibenzofuran	ND	12.5	"								
Di-n-butyl phthalate	ND	12.5	"								
1,2-Dichlorobenzene	ND	12.5	"								
1,4-Dichlorobenzene	ND	12.5	"								
1,3-Dichlorobenzene	ND	12.5	"								
3,3'-Dichlorobenzidine	ND	12.5	"								
2,4-Dichlorophenol	ND	12.5	"								
Diethyl phthalate	ND	12.5	"								
2,4-Dimethylphenol	ND	12.5	"								
Dimethyl phthalate	ND	12.5	"								
4,6-Dinitro-2-methylphenol	ND	25.0	"								
2-Nitroaniline	ND	12.5	"								
2,4-Dinitrophenol	ND	25.0	"								
2,6-Dinitrotoluene	ND	12.5	"								
2,4-Dinitrotoluene	ND	12.5	"								
Di-n-octyl phthalate	ND	12.5	"								
Fluoranthene	ND	0.125	"								
Fluorene	ND	0.125	"								
Hexachlorobenzene	ND	12.5	"								
Hexachlorobutadiene	ND	12.5	"								
Hexachlorocyclopentadiene	ND	12.5	"								
Hexachloroethane	ND	12.5	"								
Indeno(1,2,3-cd)pyrene	ND	0.125	"								
Isophorone	ND	12.5	"								
2-Methylnaphthalene	ND	12.5	"								
2-Methylphenol	ND	12.5	"								
3- & 4-Methylphenols	ND	12.5	"								
Naphthalene	ND	12.5	"								

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30586 - EPA 3510C											
Blank (BF30586-BLK1)								Prepared: 06/13/2013 Analyzed: 06/14/2013			
3-Nitroaniline	ND	12.5	ug/L								
4-Nitroaniline	ND	12.5	"								
Nitrobenzene	ND	12.5	"								
4-Nitrophenol	ND	12.5	"								
2-Nitrophenol	ND	12.5	"								
N-nitroso-di-n-propylamine	ND	12.5	"								
N-Nitrosodiphenylamine	ND	12.5	"								
Pentachlorophenol	ND	12.5	"								
Phenanthrene	ND	0.125	"								
Phenol	ND	12.5	"								
Pyrene	ND	0.125	"								
1,2,4-Trichlorobenzene	ND	12.5	"								
2,4,5-Trichlorophenol	ND	12.5	"								
2,4,6-Trichlorophenol	ND	12.5	"								
Surrogate: 2,4,6-Tribromophenol	*146*		*"*	*188*		*77.6*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*76.1*		*"*	*126*		*60.6*	*30-130*				
Surrogate: 2-Fluorophenol	*95.9*		*"*	*187*		*51.3*	*15-110*				
Surrogate: Nitrobenzene-d5	*74.2*		*"*	*125*		*59.5*	*30-130*				
Surrogate: Phenol-d5	*66.8*		*"*	*187*		*35.7*	*10-110*				
Surrogate: Terphenyl-d14	*100*		*"*	*125*		*80.4*	*30-130*				
LCS (BF30586-BS1)								Prepared & Analyzed: 06/13/2013			
Acenaphthene	29.1	0.0500	ug/L	50.0		58.2	40-140				
Acenaphthylene	28.0	0.0500	"	50.0		56.0	40-140				
Anthracene	30.4	0.0500	"	50.0		60.9	40-140				
Benzo(a)anthracene	33.1	0.0500	"	50.0		66.2	40-140				
Benzo(a)pyrene	35.7	0.0500	"	50.0		71.5	40-140				
Benzo(b)fluoranthene	38.3	0.0500	"	50.0		76.5	40-140				
Benzo(g,h,i)perylene	18.6	0.0500	"	50.0		37.3	40-140	Low Bias			
Benzyl alcohol	17.1	5.00	"	50.0		34.2	30-130				
Benzo(k)fluoranthene	39.5	0.0500	"	50.0		79.0	40-140				
Benzyl butyl phthalate	31.0	5.00	"	50.0		62.0	40-140				
4-Bromophenyl phenyl ether	30.7	5.00	"	50.0		61.4	40-140				
4-Chloro-3-methylphenol	24.6	5.00	"	50.0		49.1	30-130				
4-Chloroaniline	33.0	5.00	"	50.0		66.1	40-140				
Bis(2-chloroethoxy)methane	25.6	5.00	"	50.0		51.3	40-140				
Bis(2-chloroethyl)ether	24.5	5.00	"	50.0		49.0	40-140				
Bis(2-chloroisopropyl)ether	ND	5.00	"	50.0			40-140	Low Bias			
Bis(2-ethylhexyl)phthalate	29.6	5.00	"	50.0		59.3	40-140				
2-Chloronaphthalene	27.7	5.00	"	50.0		55.4	40-140				
2-Chlorophenol	27.4	5.00	"	50.0		54.9	30-130				
4-Chlorophenyl phenyl ether	30.4	5.00	"	50.0		60.9	40-140				
Chrysene	32.2	0.0500	"	50.0		64.4	40-140				
Dibenzo(a,h)anthracene	19.3	0.0500	"	50.0		38.6	40-140	Low Bias			
Dibenzofuran	30.2	5.00	"	50.0		60.4	40-140				
Di-n-butyl phthalate	33.1	5.00	"	50.0		66.3	40-140				
1,2-Dichlorobenzene	22.9	5.00	"	50.0		45.8	40-140				
1,4-Dichlorobenzene	24.9	5.00	"	50.0		49.8	40-140				
1,3-Dichlorobenzene	18.0	5.00	"	50.0		36.1	40-140	Low Bias			
3,3'-Dichlorobenzidine	16.7	5.00	"	50.0		33.4	40-140	Low Bias			
2,4-Dichlorophenol	28.3	5.00	"	50.0		56.6	30-130				

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30586 - EPA 3510C											
LCS (BF30586-BS1)							Prepared & Analyzed: 06/13/2013				
Diethyl phthalate	31.7	5.00	ug/L	50.0		63.4	40-140				
2,4-Dimethylphenol	26.9	5.00	"	50.0		53.8	30-130				
Dimethyl phthalate	31.3	5.00	"	50.0		62.6	40-140				
4,6-Dinitro-2-methylphenol	19.5	10.0	"	50.0		38.9	30-130				
2-Nitroaniline	28.3	5.00	"	50.0		56.6	40-140				
2,4-Dinitrophenol	ND	10.0	"	50.0			30-130	Low Bias			
2,6-Dinitrotoluene	31.8	5.00	"	50.0		63.7	40-140				
2,4-Dinitrotoluene	30.6	5.00	"	50.0		61.2	40-140				
Di-n-octyl phthalate	35.8	5.00	"	50.0		71.7	40-140				
Fluoranthene	35.0	0.0500	"	50.0		70.0	40-140				
Fluorene	31.7	0.0500	"	50.0		63.3	40-140				
Hexachlorobenzene	33.7	5.00	"	50.0		67.3	40-140				
Hexachlorobutadiene	22.2	5.00	"	50.0		44.4	40-140				
Hexachlorocyclopentadiene	5.14	5.00	"	50.0		10.3	40-140	Low Bias			
Hexachloroethane	16.7	5.00	"	50.0		33.4	40-140	Low Bias			
Indeno(1,2,3-cd)pyrene	19.6	0.0500	"	50.0		39.3	40-140	Low Bias			
Isophorone	27.7	5.00	"	50.0		55.4	40-140				
2-Methylnaphthalene	26.7	5.00	"	50.0		53.4	40-140				
2-Methylphenol	22.8	5.00	"	50.0		45.6	30-130				
3- & 4-Methylphenols	20.7	5.00	"	50.0		41.4	30-130				
Naphthalene	25.8	5.00	"	50.0		51.7	40-140				
3-Nitroaniline	31.5	5.00	"	50.0		63.0	40-140				
4-Nitroaniline	19.5	5.00	"	50.0		39.0	40-140	Low Bias			
Nitrobenzene	25.2	5.00	"	50.0		50.5	40-140				
4-Nitrophenol	ND	5.00	"	50.0			30-130	Low Bias			
2-Nitrophenol	24.3	5.00	"	50.0		48.6	30-130				
N-nitroso-di-n-propylamine	28.5	5.00	"	50.0		57.0	40-140				
N-Nitrosodiphenylamine	34.0	5.00	"	50.0		68.0	40-140				
Pentachlorophenol	27.0	5.00	"	50.0		54.0	30-130				
Phenanthrene	31.7	0.0500	"	50.0		63.4	40-140				
Phenol	12.0	5.00	"	50.0		24.1	30-130	Low Bias			
Pyrene	34.4	0.0500	"	50.0		68.8	40-140				
1,2,4-Trichlorobenzene	24.3	5.00	"	50.0		48.7	40-140				
2,4,5-Trichlorophenol	27.4	5.00	"	50.0		54.9	30-130				
2,4,6-Trichlorophenol	30.2	5.00	"	50.0		60.4	30-130				
Surrogate: 2,4,6-Tribromophenol	*52.1*		*"*	*75.2*		*69.3*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*29.8*		*"*	*50.2*		*59.4*	*30-130*				
Surrogate: 2-Fluorophenol	*22.8*		*"*	*74.8*		*30.5*	*15-110*				
Surrogate: Nitrobenzene-d5	*26.2*		*"*	*49.9*		*52.5*	*30-130*				
Surrogate: Phenol-d5	*15.4*		*"*	*74.9*		*20.6*	*10-110*				
Surrogate: Terphenyl-d14	*36.0*		*"*	*50.0*		*71.9*	*30-130*				

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30586 - EPA 3510C											
LCS (BF30586-BS2)								Prepared: 06/13/2013 Analyzed: 06/14/2013			
Acenaphthene	0.460	0.0500	ug/L	1.00		46.0	40-140				
Acenaphthylene	0.480	0.0500	"	1.00		48.0	40-140				
Anthracene	0.620	0.0500	"	1.00		62.0	40-140				
Benzo(a)anthracene	0.640	0.0500	"	1.00		64.0	40-140				
Benzo(a)pyrene	0.720	0.0500	"	1.00		72.0	40-140				
Benzo(b)fluoranthene	0.790	0.0500	"	1.00		79.0	40-140				
Benzo(g,h,i)perylene	0.610	0.0500	"	1.00		61.0	40-140				
Benzyl alcohol	ND	5.00	"				30-130				
Benzo(k)fluoranthene	0.890	0.0500	"	1.00		89.0	40-140				
Benzyl butyl phthalate	ND	5.00	"				40-140				
4-Bromophenyl phenyl ether	ND	5.00	"				40-140				
4-Chloro-3-methylphenol	ND	5.00	"				30-130				
4-Chloroaniline	ND	5.00	"				40-140				
Bis(2-chloroethoxy)methane	ND	5.00	"				40-140				
Bis(2-chloroethyl)ether	ND	5.00	"				40-140				
Bis(2-chloroisopropyl)ether	ND	5.00	"				40-140				
Bis(2-ethylhexyl)phthalate	ND	5.00	"				40-140				
2-Chloronaphthalene	ND	5.00	"				40-140				
2-Chlorophenol	ND	5.00	"				30-130				
4-Chlorophenyl phenyl ether	ND	5.00	"				40-140				
Chrysene	0.650	0.0500	"	1.00		65.0	40-140				
Dibenzo(a,h)anthracene	0.740	0.0500	"	1.00		74.0	40-140				
Dibenzofuran	ND	5.00	"				40-140				
Di-n-butyl phthalate	ND	5.00	"				40-140				
1,2-Dichlorobenzene	ND	5.00	"				40-140				
1,4-Dichlorobenzene	ND	5.00	"				40-140				
1,3-Dichlorobenzene	ND	5.00	"				40-140				
3,3'-Dichlorobenzidine	ND	5.00	"				40-140				
2,4-Dichlorophenol	ND	5.00	"				30-130				
Diethyl phthalate	ND	5.00	"				40-140				
2,4-Dimethylphenol	ND	5.00	"				30-130				
Dimethyl phthalate	ND	5.00	"				40-140				
2-Nitroaniline	ND	5.00	"				40-140				
4,6-Dinitro-2-methylphenol	ND	10.0	"				30-130				
2,4-Dinitrophenol	ND	10.0	"				30-130				
2,6-Dinitrotoluene	ND	5.00	"				40-140				
2,4-Dinitrotoluene	ND	5.00	"				40-140				
Di-n-octyl phthalate	ND	5.00	"				40-140				
Fluoranthene	0.610	0.0500	"	1.00		61.0	40-140				
Fluorene	0.560	0.0500	"	1.00		56.0	40-140				
Hexachlorobenzene	ND	5.00	"				40-140				
Hexachlorobutadiene	ND	5.00	"				40-140				
Hexachlorocyclopentadiene	ND	5.00	"				40-140				
Hexachloroethane	ND	5.00	"				40-140				
Indeno(1,2,3-cd)pyrene	0.670	0.0500	"	1.00		67.0	40-140				
Isophorone	ND	5.00	"				40-140				
2-Methylnaphthalene	ND	5.00	"				40-140				
2-Methylphenol	ND	5.00	"				30-130				
3- & 4-Methylphenols	ND	5.00	"				30-130				
Naphthalene	ND	5.00	"	1.00			40-140	Low Bias			
3-Nitroaniline	ND	5.00	"				40-140				

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30586 - EPA 3510C											
LCS (BF30586-BS2)								Prepared: 06/13/2013 Analyzed: 06/14/2013			
4-Nitroaniline	ND	5.00	ug/L				40-140				
Nitrobenzene	ND	5.00	"				40-140				
4-Nitrophenol	ND	5.00	"				30-130				
2-Nitrophenol	ND	5.00	"				30-130				
N-nitroso-di-n-propylamine	ND	5.00	"				40-140				
N-Nitrosodiphenylamine	ND	5.00	"				40-140				
Pentachlorophenol	ND	5.00	"				30-130				
Phenanthrene	0.560	0.0500	"	1.00		56.0	40-140				
Phenol	ND	5.00	"				30-130				
Pyrene	0.520	0.0500	"	1.00		52.0	40-140				
1,2,4-Trichlorobenzene	ND	5.00	"				40-140				
2,4,5-Trichlorophenol	ND	5.00	"				30-130				
2,4,6-Trichlorophenol	ND	5.00	"				30-130				
Surrogate: 2,4,6-Tribromophenol	*0.00*		*"*	*75.2*			*15-110*				
Surrogate: 2-Fluorobiphenyl	*21.7*		*"*	*50.2*		*43.2*	*30-130*				
Surrogate: 2-Fluorophenol	*0.00*		*"*	*74.8*			*15-110*				
Surrogate: Nitrobenzene-d5	*17.7*		*"*	*49.9*		*35.5*	*30-130*				
Surrogate: Phenol-d5	*0.00*		*"*	*74.9*			*10-110*				
Surrogate: Terphenyl-d14	*41.4*		*"*	*50.0*		*82.8*	*30-130*				
LCS Dup (BF30586-BSD1)								Prepared & Analyzed: 06/13/2013			
Acenaphthene	27.9	0.0500	ug/L	50.0		55.8	40-140		4.21	20	
Acenaphthylene	25.9	0.0500	"	50.0		51.7	40-140		7.94	20	
Anthracene	28.8	0.0500	"	50.0		57.7	40-140		5.47	20	
Benzo(a)anthracene	32.1	0.0500	"	50.0		64.2	40-140		3.04	20	
Benzo(a)pyrene	35.7	0.0500	"	50.0		71.3	40-140		0.168	20	
Benzo(b)fluoranthene	37.2	0.0500	"	50.0		74.5	40-140		2.70	20	
Benzo(g,h,i)perylene	18.0	0.0500	"	50.0		36.0	40-140	Low Bias	3.33	20	
Benzyl alcohol	13.6	5.00	"	50.0		27.1	30-130	Low Bias	23.3	20	Non-dir.
Benzo(k)fluoranthene	37.2	0.0500	"	50.0		74.3	40-140		6.16	20	
Benzyl butyl phthalate	31.4	5.00	"	50.0		62.7	40-140		1.12	20	
4-Bromophenyl phenyl ether	29.2	5.00	"	50.0		58.4	40-140		5.01	20	
4-Chloro-3-methylphenol	20.8	5.00	"	50.0		41.7	30-130		16.4	20	
4-Chloroaniline	32.8	5.00	"	50.0		65.7	40-140		0.546	20	
Bis(2-chloroethoxy)methane	21.8	5.00	"	50.0		43.6	40-140		16.2	20	
Bis(2-chloroethyl)ether	23.0	5.00	"	50.0		46.0	40-140		6.40	20	
Bis(2-chloroisopropyl)ether	34.5	5.00	"	50.0		69.0	40-140		200	20	Non-dir.
Bis(2-ethylhexyl)phthalate	29.6	5.00	"	50.0		59.3	40-140		0.0337	20	
2-Chloronaphthalene	24.2	5.00	"	50.0		48.5	40-140		13.3	20	
2-Chlorophenol	19.9	5.00	"	50.0		39.8	30-130		31.7	20	Non-dir.
4-Chlorophenyl phenyl ether	29.3	5.00	"	50.0		58.6	40-140		3.78	20	
Chrysene	31.1	0.0500	"	50.0		62.2	40-140		3.38	20	
Dibenzo(a,h)anthracene	18.5	0.0500	"	50.0		37.0	40-140	Low Bias	4.18	20	
Dibenzofuran	28.0	5.00	"	50.0		56.1	40-140		7.35	20	
Di-n-butyl phthalate	31.7	5.00	"	50.0		63.4	40-140		4.47	20	
1,2-Dichlorobenzene	18.3	5.00	"	50.0		36.5	40-140	Low Bias	22.6	20	Non-dir.
1,4-Dichlorobenzene	20.4	5.00	"	50.0		40.9	40-140		19.6	20	
1,3-Dichlorobenzene	13.6	5.00	"	50.0		27.2	40-140	Low Bias	28.2	20	Non-dir.
3,3'-Dichlorobenzidine	16.0	5.00	"	50.0		31.9	40-140	Low Bias	4.47	20	
2,4-Dichlorophenol	22.0	5.00	"	50.0		43.9	30-130		25.2	20	Non-dir.
Diethyl phthalate	31.4	5.00	"	50.0		62.9	40-140		0.792	20	

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30586 - EPA 3510C											
LCS Dup (BF30586-BSD1)								Prepared & Analyzed: 06/13/2013			
2,4-Dimethylphenol	22.4	5.00	ug/L	50.0		44.8	30-130		18.3	20	
Dimethyl phthalate	29.4	5.00	"	50.0		58.7	40-140		6.46	20	
4,6-Dinitro-2-methylphenol	17.8	10.0	"	50.0		35.6	30-130		9.02	20	
2-Nitroaniline	27.1	5.00	"	50.0		54.2	40-140		4.33	20	
2,4-Dinitrophenol	ND	10.0	"	50.0			30-130	Low Bias		20	
2,6-Dinitrotoluene	31.2	5.00	"	50.0		62.3	40-140		2.19	20	
2,4-Dinitrotoluene	29.3	5.00	"	50.0		58.7	40-140		4.27	20	
Di-n-octyl phthalate	34.4	5.00	"	50.0		68.9	40-140		3.98	20	
Fluoranthene	32.5	0.0500	"	50.0		65.1	40-140		7.26	20	
Fluorene	30.1	0.0500	"	50.0		60.2	40-140		5.05	20	
Hexachlorobenzene	31.4	5.00	"	50.0		62.9	40-140		6.82	20	
Hexachlorobutadiene	17.7	5.00	"	50.0		35.4	40-140	Low Bias	22.6	20	Non-dir.
Hexachlorocyclopentadiene	ND	5.00	"	50.0			40-140	Low Bias		20	
Hexachloroethane	13.0	5.00	"	50.0		25.9	40-140	Low Bias	25.3	20	Non-dir.
Indeno(1,2,3-cd)pyrene	18.8	0.0500	"	50.0		37.7	40-140	Low Bias	4.16	20	
Isophorone	24.3	5.00	"	50.0		48.6	40-140		13.1	20	
2-Methylnaphthalene	23.0	5.00	"	50.0		45.9	40-140		15.0	20	
2-Methylphenol	16.0	5.00	"	50.0		32.1	30-130		34.8	20	Non-dir.
3- & 4-Methylphenols	12.8	5.00	"	50.0		25.6	30-130	Low Bias	47.3	20	Non-dir.
Naphthalene	21.6	5.00	"	50.0		43.2	40-140		17.9	20	
3-Nitroaniline	31.7	5.00	"	50.0		63.3	40-140		0.570	20	
4-Nitroaniline	19.3	5.00	"	50.0		38.7	40-140	Low Bias	0.927	20	
Nitrobenzene	20.8	5.00	"	50.0		41.6	40-140		19.2	20	
4-Nitrophenol	23.1	5.00	"	50.0		46.3	30-130		167	20	Non-dir.
2-Nitrophenol	18.2	5.00	"	50.0		36.4	30-130		28.9	20	Non-dir.
N-nitroso-di-n-propylamine	26.6	5.00	"	50.0		53.1	40-140		6.94	20	
N-Nitrosodiphenylamine	32.7	5.00	"	50.0		65.4	40-140		3.93	20	
Pentachlorophenol	25.9	5.00	"	50.0		51.7	30-130		4.31	20	
Phenanthrene	30.0	0.0500	"	50.0		60.0	40-140		5.45	20	
Phenol	7.87	5.00	"	50.0		15.7	30-130	Low Bias	41.9	20	Non-dir.
Pyrene	34.4	0.0500	"	50.0		68.8	40-140		0.0582	20	
1,2,4-Trichlorobenzene	20.1	5.00	"	50.0		40.2	40-140		19.2	20	
2,4,5-Trichlorophenol	23.9	5.00	"	50.0		47.9	30-130		13.6	20	
2,4,6-Trichlorophenol	26.2	5.00	"	50.0		52.4	30-130		14.2	20	
Surrogate: 2,4,6-Tribromophenol	*49.8*		*"*	*75.2*		*66.2*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*26.0*		*"*	*50.2*		*51.8*	*30-130*				
Surrogate: 2-Fluorophenol	*7.45*		*"*	*74.8*		*9.96*	*15-110*				
Surrogate: Nitrobenzene-d5	*21.8*		*"*	*49.9*		*43.7*	*30-130*				
Surrogate: Phenol-d5	*8.33*		*"*	*74.9*		*11.1*	*10-110*				
Surrogate: Terphenyl-d14	*36.1*		*"*	*50.0*		*72.2*	*30-130*				

Metals by EPA 6000 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 BF30513 - EPA 3010A											
Blank (BF30513-BLK1)								Prepared & Analyzed: 06/11/2013			
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	0.005	"								
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	0.010	"								
Vanadium	ND	0.010	"								
Zinc	ND	0.020	"								
Reference (BF30513-SRM1)								Prepared & Analyzed: 06/11/2013			
Aluminum	0.381	0.010	mg/L	0.366		104	74.9-126				
Antimony	0.089	0.005	"	0.102		87.2	59.4-125				
Arsenic	0.440	0.004	"	0.482		91.3	83.8-117				
Barium	1.90	0.010	"	1.92		98.9	87-113				
Beryllium	0.637	0.001	"	0.667		95.5	85-113				
Cadmium	0.267	0.003	"	0.293		91.2	85.3-114				
Chromium	0.255	0.005	"	0.276		92.3	86.6-113				
Cobalt	0.558	0.005	"	0.562		99.2	87.9-112				
Copper	0.499	0.005	"	0.522		95.6	90-110				
Iron	1.34	0.020	"	1.39		96.5	88.4-113				
Lead	1.44	0.003	"	1.48		97.3	87.8-111				
Manganese	0.392	0.005	"	0.389		101	89.5-111				
Nickel	1.23	0.005	"	1.34		92.1	90.3-112				
Selenium	0.476	0.010	"	0.541		88.1	79.1-116				
Silver	0.323	0.005	"	0.359		89.9	85.8-114				
Thallium	0.571	0.010	"	0.579		98.7	81-120				
Vanadium	0.442	0.010	"	0.484		91.3	87.6-112				
Zinc	1.19	0.020	"	1.30		91.3	86.2-115				

Metals by EPA 6000 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 BF30513 - EPA 3010A											
Reference (BF30513-SRM2)								Prepared & Analyzed: 06/11/2013			
Calcium	62.8	0.050	mg/L	62.7		100	86-114				
Magnesium	29.5	0.050	"	29.0		102	86.2-114				
Potassium	34.7	0.050	"	32.4		107	85.2-115				
Sodium	87.5	0.100	"	85.1		103	85-115				
Batch BF30578 - EPA 3010A											
Blank (BF30578-BLK1)								Prepared & Analyzed: 06/12/2013			
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	0.005	"								
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	0.010	"								
Vanadium - Dissolved	ND	0.010	"								
Zinc - Dissolved	ND	0.020	"								

Metals by EPA 6000 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 BF30578 - EPA 3010A											
Reference (BF30578-SRM1)							Prepared & Analyzed: 06/12/2013				
Aluminum - Dissolved	0.388	0.010	mg/L	0.366		106	74.9-126				
Antimony - Dissolved	0.094	0.005	"	0.102		92.5	59.4-125				
Arsenic - Dissolved	0.458	0.004	"	0.482		94.9	83.8-117				
Barium - Dissolved	1.96	0.010	"	1.92		102	87-113				
Beryllium - Dissolved	0.650	0.001	"	0.667		97.5	85-113				
Cadmium - Dissolved	0.282	0.003	"	0.293		96.2	85.3-114				
Chromium - Dissolved	0.271	0.005	"	0.276		98.3	86.6-113				
Cobalt - Dissolved	0.571	0.005	"	0.562		102	87.9-112				
Copper - Dissolved	0.507	0.005	"	0.522		97.2	90-110				
Iron - Dissolved	1.37	0.020	"	1.39		98.7	88.4-113				
Lead - Dissolved	1.45	0.003	"	1.48		98.0	87.8-111				
Manganese - Dissolved	0.404	0.005	"	0.389		104	89.5-111				
Nickel - Dissolved	1.29	0.005	"	1.34		96.1	90.3-112				
Selenium - Dissolved	0.498	0.010	"	0.541		92.0	79.1-116				
Silver - Dissolved	0.343	0.005	"	0.359		95.6	85.8-114				
Thallium - Dissolved	0.592	0.010	"	0.579		102	81-120				
Vanadium - Dissolved	0.459	0.010	"	0.484		94.8	87.6-112				
Zinc - Dissolved	1.27	0.020	"	1.30		97.9	86.2-115				
Reference (BF30578-SRM2)							Prepared & Analyzed: 06/12/2013				
Calcium - Dissolved	63.2	0.050	mg/L	62.7		101	86-114				
Magnesium - Dissolved	29.7	0.050	"	29.0		102	86.2-114				
Potassium - Dissolved	34.3	0.050	"	32.4		106	85.2-115				
Sodium - Dissolved	87.2	0.100	"	85.1		103	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 BF30477 - EPA SW846-7470											
Blank (BF30477-BLK1)								Prepared: 06/11/2013 Analyzed: 06/12/2013			
Mercury	ND	0.0002	mg/L								
LCS (BF30477-BS1)								Prepared: 06/11/2013 Analyzed: 06/12/2013			
Mercury	0.002094	0.0002	mg/L	0.00200		105	80-120				
Batch BF30605 - EPA SW846-7470											
Blank (BF30605-BLK1)								Prepared & Analyzed: 06/13/2013			
Mercury - Dissolved	ND	0.0002000	mg/L								
LCS (BF30605-BS1)								Prepared & Analyzed: 06/13/2013			
Mercury - Dissolved	0.001771	0.0002000	mg/L	0.00200		88.6	80-120				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0288-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0288-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0288-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0288-04	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0288-05	DUP (GW)	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
13F0288-06	TRIP BLANK	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

S-BN Base/Neutral surrogate recovery outside of control limits. The data was accepted based on valid recovery of remaining two base/neutral surrogates.

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.

J Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, 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.

ND Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

MDL METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 13F0288

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: CARDNO ATC	Company: SAME	Company: SAME	015.38242.0024	RUSH - Same Day ☐	Summary Report ___
Address: 104 E. 25 Street New York NY 10010	Address: AS	Address: AS	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary ✓
Phone No. 212 353 8280	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package ___
Contact Person: Matt Markaich	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg ___
E-Mail Address:	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY ✓ NJ___	RUSH - Four Day ☐	NY ASP A Package ___
				Standard(5-7 Days) ☒	NY ASP B Package ___
					NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)
Simple Excel ___
NYSDEC EQuIS ___
EQuIS (std) ___
EZ-EDD (EQuIS) ___
NJDEP SRP HazSite EDD ___
GIS/KEY (std) ___
Other ___
York Regulatory Comparison Excel Spreadsheet ✓
Compare to the following Regs. (please fill in):
NYSDEC 703 GQS GA
TOGS AWQS

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)
JOHN MASCION
Name (printed)

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

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

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
MW-1	6/6/13 15:50	GW	TCL VOCs, TCL SVOCs, TAL Metals, Pesticides, PCBs	
MW-2	" 12:05	GW	" " " " "	
MW-3	" 13:40	GW	" " " " "	
MW-4	" 14:45	GW	" " " " "	
DUP (GW)	" 15:00	GW	" " " " "	
TRIP BLANK	"		TCL VOCs	

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 6/7/13
Samples Relinquished By — Date/Time
Samples Received By — Date/Time 6/7 1245
Samples Received in LAB by — Date/Time 6/7/13-1810

Temperature on Receipt 3.6 °C

Technical Report

prepared for:

Cardno ATC
104 East 25th Street
New York NY, 10010
Attention: Matt Mankovich

Report Date: 06/13/2013
Client Project ID: 15.38242.0024
York Project (SDG) No.: 13F0242

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: 06/13/2013
Client Project ID: 15.38242.0024
York Project (SDG) No.: 13F0242

Cardno ATC
104 East 25th Street
New York NY, 10010
Attention: Matt Mankovich

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 06, 2013 and listed below. The project was identified as your project: **15.38242.0024**.

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
13F0242-01	SV-1	Soil Vapor	06/05/2013	06/06/2013
13F0242-02	SV-2	Soil Vapor	06/05/2013	06/06/2013
13F0242-03	SV-3	Soil Vapor	06/05/2013	06/06/2013
13F0242-04	SV-4	Soil Vapor	06/05/2013	06/06/2013
13F0242-05	SV-5	Soil Vapor	06/05/2013	06/06/2013
13F0242-06	Ambient Air	Outdoor Ambient Air	06/05/2013	06/06/2013

General Notes for York Project (SDG) No.: 13F0242

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: 06/13/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: **SV-1** **York Sample ID:** **13F0242-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Soil Vapor	June 5, 2013 3:00 pm	06/06/2013

Volatile Organics, EPA TO15 Canister Certification **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.27	0.27	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
108-88-3	Toluene	ND		ug/m³	0.38	0.38	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.30	0.30	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.69	0.69	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
115-07-01	Propylene	ND		ug/m³	0.18	0.18	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	2.5	2.5	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
95-47-6	o-Xylene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
110-54-3	n-Hexane	ND		ug/m³	0.36	0.36	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
142-82-5	n-Heptane	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
75-09-2	Methylene chloride	ND		ug/m³	0.35	0.35	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
67-63-0	Isopropanol	ND		ug/m³	0.25	0.25	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
110-82-7	Cyclohexane	ND		ug/m³	0.35	0.35	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
74-87-3	Chloromethane	ND		ug/m³	0.21	0.21	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
67-66-3	Chloroform	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD

Sample Information

Client Sample ID: **SV-1** **York Sample ID:** **13F0242-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Soil Vapor	June 5, 2013 3:00 pm	06/06/2013

Volatile Organics, EPA TO15 Canister Certification

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.63	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.53	0.53	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
71-43-2	Benzene	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
67-64-1	Acetone	ND		ug/m³	0.24	0.24	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
591-78-6	2-Hexanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
78-93-3	2-Butanone	ND		ug/m³	0.30	0.30	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	0.71	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.57	0.57	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	0.78	0.78	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.82	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 17:53	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*86.0 %*	*70-130*

Volatile Organics, EPA TO15 Full List

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

Sample Information

Client Sample ID: **SV-1** **York Sample ID:** **13F0242-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Soil Vapor	June 5, 2013 3:00 pm	06/06/2013

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	5.1	5.1	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
108-05-4	Vinyl acetate	ND		ug/m³	7.1	7.1	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
79-01-6	Trichloroethylene	ND		ug/m³	5.4	5.4	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.1	9.1	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.9	7.9	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
108-88-3	Toluene	**200**		ug/m³	7.5	7.5	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	5.9	5.9	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	14	14	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
100-42-5	Styrene	ND		ug/m³	8.5	8.5	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
115-07-01	Propylene	ND		ug/m³	3.4	3.4	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
622-96-8	p-Ethyltoluene	**68**		ug/m³	49	49	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
179601-23-1	p- & m- Xylenes	**210**		ug/m³	17	17	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
95-47-6	o-Xylene	**60**		ug/m³	8.7	8.7	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
110-54-3	n-Hexane	**25**		ug/m³	7.1	7.1	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
142-82-5	n-Heptane	**55**		ug/m³	8.2	8.2	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
75-09-2	Methylene chloride	**9.0**		ug/m³	7.0	7.0	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.2	7.2	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.2	8.2	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
67-63-0	Isopropanol	ND		ug/m³	4.9	4.9	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	21	21	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
100-41-4	Ethyl Benzene	**62**		ug/m³	8.7	8.7	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
141-78-6	Ethyl acetate	ND		ug/m³	7.2	7.2	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
110-82-7	Cyclohexane	ND		ug/m³	6.9	6.9	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.1	9.1	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.9	7.9	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
74-87-3	Chloromethane	ND		ug/m³	4.1	4.1	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
67-66-3	Chloroform	ND		ug/m³	9.8	9.8	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
75-00-3	Chloroethane	ND		ug/m³	5.3	5.3	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	6.3	6.3	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
75-15-0	Carbon disulfide	**14**		ug/m³	6.2	6.2	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
74-83-9	Bromomethane	ND		ug/m³	7.8	7.8	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
75-25-2	Bromoform	ND		ug/m³	21	21	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
75-27-4	Bromodichloromethane	ND		ug/m³	12	12	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
100-44-7	Benzyl chloride	ND		ug/m³	10	10	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD

Sample Information

Client Sample ID: **SV-1** **York Sample ID:** **13F0242-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Soil Vapor	June 5, 2013 3:00 pm	06/06/2013

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	**18**		ug/m³	6.4	6.4	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
67-64-1	Acetone	**540**		ug/m³	4.8	4.8	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
591-78-6	2-Hexanone	**63**		ug/m³	8.2	8.2	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
78-93-3	2-Butanone	**37**		ug/m³	5.9	5.9	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
123-91-1	1,4-Dioxane	ND		ug/m³	7.2	7.2	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	12	12	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	12	12	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
106-99-0	1,3-Butadiene	ND		ug/m³	8.7	8.7	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
108-67-8	1,3,5-Trimethylbenzene	**14**		ug/m³	9.8	9.8	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	14	14	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.3	9.3	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.1	8.1	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	12	12	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
95-63-6	1,2,4-Trimethylbenzene	**54**		ug/m³	9.8	9.8	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	15	15	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.9	7.9	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.1	8.1	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**44**		ug/m³	11	11	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	15	15	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	14	14	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.9	9.9	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	15	15	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
124-48-1	Dibromochloromethane	ND		ug/m³	16	16	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	8.2	8.2	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD
108-90-7	Chlorobenzene	**240**		ug/m³	9.2	9.2	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 01:33	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*101 %*	*70-130*

Sample Information

Client Sample ID: SV-2 **York Sample ID:** 13F0242-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Soil Vapor	June 5, 2013 3:00 pm	06/06/2013

Volatile Organics, EPA TO15 Canister Certification **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.27	0.27	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
108-88-3	Toluene	ND		ug/m³	0.38	0.38	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.30	0.30	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.69	0.69	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
115-07-01	Propylene	ND		ug/m³	0.18	0.18	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	2.5	2.5	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
95-47-6	o-Xylene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
110-54-3	n-Hexane	ND		ug/m³	0.36	0.36	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
142-82-5	n-Heptane	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
75-09-2	Methylene chloride	ND		ug/m³	0.35	0.35	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
67-63-0	Isopropanol	ND		ug/m³	0.25	0.25	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
110-82-7	Cyclohexane	ND		ug/m³	0.35	0.35	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
74-87-3	Chloromethane	ND		ug/m³	0.21	0.21	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
67-66-3	Chloroform	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD

Sample Information

Client Sample ID: **SV-2** **York Sample ID:** **13F0242-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Soil Vapor	June 5, 2013 3:00 pm	06/06/2013

Volatile Organics, EPA TO15 Canister Certification

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.63	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.53	0.53	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
71-43-2	Benzene	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
67-64-1	Acetone	ND		ug/m³	0.24	0.24	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
591-78-6	2-Hexanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
78-93-3	2-Butanone	ND		ug/m³	0.30	0.30	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	0.71	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.57	0.57	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	0.78	0.78	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.82	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:02	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.7 %*	*70-130*

Volatile Organics, EPA TO15 Full List

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

Sample Information

Client Sample ID: **SV-2** **York Sample ID:** **13F0242-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Soil Vapor	June 5, 2013 3:00 pm	06/06/2013

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	5.3	5.3	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
108-05-4	Vinyl acetate	ND		ug/m³	7.3	7.3	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
79-01-6	Trichloroethylene	ND		ug/m³	5.6	5.6	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.5	9.5	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	8.3	8.3	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
108-88-3	Toluene	**140**		ug/m³	7.9	7.9	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	6.1	6.1	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	14	14	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
100-42-5	Styrene	ND		ug/m³	8.9	8.9	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
115-07-01	Propylene	ND		ug/m³	3.6	3.6	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	51	51	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
179601-23-1	p- & m- Xylenes	**140**		ug/m³	18	18	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
95-47-6	o-Xylene	**36**		ug/m³	9.0	9.0	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
110-54-3	n-Hexane	**31**		ug/m³	7.3	7.3	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
142-82-5	n-Heptane	**55**		ug/m³	8.5	8.5	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
75-09-2	Methylene chloride	**8.7**		ug/m³	7.2	7.2	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.5	7.5	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.5	8.5	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
67-63-0	Isopropanol	ND		ug/m³	5.1	5.1	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	22	22	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
100-41-4	Ethyl Benzene	**46**		ug/m³	9.0	9.0	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
141-78-6	Ethyl acetate	ND		ug/m³	7.5	7.5	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
110-82-7	Cyclohexane	ND		ug/m³	7.2	7.2	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.5	9.5	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	8.3	8.3	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
74-87-3	Chloromethane	ND		ug/m³	4.3	4.3	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
67-66-3	Chloroform	ND		ug/m³	10	10	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
75-00-3	Chloroethane	ND		ug/m³	5.5	5.5	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	6.6	6.6	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
75-15-0	Carbon disulfide	**12**		ug/m³	6.5	6.5	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
74-83-9	Bromomethane	ND		ug/m³	8.1	8.1	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
75-25-2	Bromoform	ND		ug/m³	22	22	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
75-27-4	Bromodichloromethane	ND		ug/m³	13	13	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
100-44-7	Benzyl chloride	ND		ug/m³	11	11	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD

Sample Information

Client Sample ID: **SV-2** **York Sample ID:** **13F0242-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Soil Vapor	June 5, 2013 3:00 pm	06/06/2013

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	**17**		ug/m³	6.7	6.7	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
67-64-1	Acetone	**330**		ug/m³	5.0	5.0	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
591-78-6	2-Hexanone	ND		ug/m³	8.5	8.5	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
78-93-3	2-Butanone	**21**		ug/m³	6.1	6.1	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
123-91-1	1,4-Dioxane	ND		ug/m³	7.5	7.5	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	13	13	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	13	13	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
106-99-0	1,3-Butadiene	ND		ug/m³	9.0	9.0	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	10	10	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	15	15	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.6	9.6	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.4	8.4	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	13	13	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
95-63-6	1,2,4-Trimethylbenzene	**20**		ug/m³	10	10	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	15	15	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	8.3	8.3	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.4	8.4	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**36**		ug/m³	12	12	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	16	16	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	14	14	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	10	10	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	16	16	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
124-48-1	Dibromochloromethane	ND		ug/m³	17	17	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	8.5	8.5	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD
108-90-7	Chlorobenzene	**220**		ug/m³	9.6	9.6	20.49	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 02:18	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.7 %*	*70-130*

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **13F0242-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Soil Vapor	June 5, 2013 3:00 pm	06/06/2013

Volatile Organics, EPA TO15 Canister Certification **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.27	0.27	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
108-88-3	Toluene	ND		ug/m³	0.38	0.38	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.30	0.30	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.69	0.69	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
115-07-01	Propylene	ND		ug/m³	0.18	0.18	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	2.5	2.5	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
95-47-6	o-Xylene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
110-54-3	n-Hexane	ND		ug/m³	0.36	0.36	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
142-82-5	n-Heptane	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
75-09-2	Methylene chloride	ND		ug/m³	0.35	0.35	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
67-63-0	Isopropanol	ND		ug/m³	0.25	0.25	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
110-82-7	Cyclohexane	ND		ug/m³	0.35	0.35	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
74-87-3	Chloromethane	ND		ug/m³	0.21	0.21	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
67-66-3	Chloroform	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **13F0242-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Soil Vapor	June 5, 2013 3:00 pm	06/06/2013

Volatile Organics, EPA TO15 Canister Certification

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.63	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.53	0.53	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
71-43-2	Benzene	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
67-64-1	Acetone	ND		ug/m³	0.24	0.24	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
591-78-6	2-Hexanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
78-93-3	2-Butanone	ND		ug/m³	0.30	0.30	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	0.71	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.57	0.57	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	0.78	0.78	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.82	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 18:40	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*81.4 %*	*70-130*

Volatile Organics, EPA TO15 Full List

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

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **13F0242-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Soil Vapor	June 5, 2013 3:00 pm	06/06/2013

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	5.1	5.1	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
108-05-4	Vinyl acetate	ND		ug/m³	7.0	7.0	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
79-01-6	Trichloroethylene	ND		ug/m³	5.4	5.4	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.1	9.1	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.9	7.9	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
108-88-3	Toluene	**210**		ug/m³	7.5	7.5	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
109-99-9	Tetrahydrofuran	**22**		ug/m³	5.9	5.9	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	14	14	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
100-42-5	Styrene	ND		ug/m³	8.5	8.5	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
115-07-01	Propylene	ND		ug/m³	3.4	3.4	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	49	49	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
179601-23-1	p- & m- Xylenes	**170**		ug/m³	17	17	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
95-47-6	o-Xylene	**45**		ug/m³	8.7	8.7	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
110-54-3	n-Hexane	**55**		ug/m³	7.0	7.0	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
142-82-5	n-Heptane	**80**		ug/m³	8.2	8.2	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
75-09-2	Methylene chloride	**7.6**		ug/m³	6.9	6.9	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.2	7.2	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.2	8.2	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
67-63-0	Isopropanol	**7.8**		ug/m³	4.9	4.9	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	21	21	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
100-41-4	Ethyl Benzene	**60**		ug/m³	8.7	8.7	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
141-78-6	Ethyl acetate	ND		ug/m³	7.2	7.2	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
110-82-7	Cyclohexane	**6.9**		ug/m³	6.9	6.9	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.1	9.1	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.9	7.9	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
74-87-3	Chloromethane	ND		ug/m³	4.1	4.1	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
67-66-3	Chloroform	ND		ug/m³	9.7	9.7	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
75-00-3	Chloroethane	ND		ug/m³	5.3	5.3	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	6.3	6.3	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
75-15-0	Carbon disulfide	**110**		ug/m³	6.2	6.2	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
74-83-9	Bromomethane	ND		ug/m³	7.7	7.7	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
75-25-2	Bromoform	ND		ug/m³	21	21	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
75-27-4	Bromodichloromethane	ND		ug/m³	12	12	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
100-44-7	Benzyl chloride	ND		ug/m³	10	10	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
71-43-2	Benzene	**27**		ug/m³	6.4	6.4	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD

Sample Information

Client Sample ID: **SV-3** **York Sample ID:** **13F0242-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Soil Vapor	June 5, 2013 3:00 pm	06/06/2013

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	**510**		ug/m³	4.7	4.7	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
591-78-6	2-Hexanone	ND		ug/m³	8.2	8.2	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
78-93-3	2-Butanone	**49**		ug/m³	5.9	5.9	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
123-91-1	1,4-Dioxane	ND		ug/m³	7.2	7.2	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	12	12	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	12	12	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
106-99-0	1,3-Butadiene	ND		ug/m³	8.6	8.6	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	9.8	9.8	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	14	14	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.2	9.2	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.1	8.1	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	12	12	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
95-63-6	1,2,4-Trimethylbenzene	**29**		ug/m³	9.8	9.8	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	15	15	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.9	7.9	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.1	8.1	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**15**		ug/m³	11	11	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	15	15	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	14	14	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.9	9.9	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	15	15	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
124-48-1	Dibromochloromethane	ND		ug/m³	16	16	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	8.2	8.2	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD
108-90-7	Chlorobenzene	ND		ug/m³	9.2	9.2	19.61	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:03	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.8 %*	*70-130*

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 13F0242-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Soil Vapor	June 5, 2013 3:00 pm	06/06/2013

Volatile Organics, EPA TO15 Canister Certification **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.27	0.27	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
108-88-3	Toluene	ND		ug/m³	0.38	0.38	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.30	0.30	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.69	0.69	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
115-07-01	Propylene	ND		ug/m³	0.18	0.18	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	2.5	2.5	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
95-47-6	o-Xylene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
110-54-3	n-Hexane	ND		ug/m³	0.36	0.36	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
142-82-5	n-Heptane	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
75-09-2	Methylene chloride	ND		ug/m³	0.35	0.35	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
67-63-0	Isopropanol	ND		ug/m³	0.25	0.25	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
110-82-7	Cyclohexane	ND		ug/m³	0.35	0.35	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
74-87-3	Chloromethane	ND		ug/m³	0.21	0.21	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
67-66-3	Chloroform	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD

Sample Information

Client Sample ID: SV-4 **York Sample ID:** 13F0242-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Soil Vapor	June 5, 2013 3:00 pm	06/06/2013

Volatile Organics, EPA TO15 Canister Certification

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.63	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.53	0.53	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
71-43-2	Benzene	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
67-64-1	Acetone	ND		ug/m³	0.24	0.24	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
591-78-6	2-Hexanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
78-93-3	2-Butanone	ND		ug/m³	0.30	0.30	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	0.71	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.57	0.57	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	0.78	0.78	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.82	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 20:15	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.6 %*	*70-130*

Volatile Organics, EPA TO15 Full List

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

Sample Information

Client Sample ID: **SV-4** **York Sample ID:** **13F0242-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Soil Vapor	June 5, 2013 3:00 pm	06/06/2013

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	5.1	5.1	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
108-05-4	Vinyl acetate	ND		ug/m³	7.0	7.0	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
79-01-6	Trichloroethylene	ND		ug/m³	5.3	5.3	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.0	9.0	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.9	7.9	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
108-88-3	Toluene	**250**		ug/m³	7.5	7.5	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
109-99-9	Tetrahydrofuran	**75**		ug/m³	5.9	5.9	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	13	13	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
100-42-5	Styrene	ND		ug/m³	8.5	8.5	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
115-07-01	Propylene	ND		ug/m³	3.4	3.4	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	49	49	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
179601-23-1	p- & m- Xylenes	**200**		ug/m³	17	17	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
95-47-6	o-Xylene	**53**		ug/m³	8.6	8.6	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
110-54-3	n-Hexane	**420**		ug/m³	7.0	7.0	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
142-82-5	n-Heptane	**210**		ug/m³	8.1	8.1	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
75-09-2	Methylene chloride	ND		ug/m³	6.9	6.9	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.1	7.1	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.1	8.1	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
67-63-0	Isopropanol	ND		ug/m³	4.9	4.9	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	21	21	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
100-41-4	Ethyl Benzene	**68**		ug/m³	8.6	8.6	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
141-78-6	Ethyl acetate	ND		ug/m³	7.2	7.2	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
110-82-7	Cyclohexane	ND		ug/m³	6.8	6.8	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.0	9.0	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.9	7.9	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
74-87-3	Chloromethane	ND		ug/m³	4.1	4.1	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
67-66-3	Chloroform	ND		ug/m³	9.7	9.7	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
75-00-3	Chloroethane	ND		ug/m³	5.2	5.2	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
56-23-5	Carbon tetrachloride	**480**		ug/m³	6.2	6.2	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
75-15-0	Carbon disulfide	**40**		ug/m³	6.2	6.2	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
74-83-9	Bromomethane	ND		ug/m³	7.7	7.7	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
75-25-2	Bromoform	ND		ug/m³	21	21	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
75-27-4	Bromodichloromethane	ND		ug/m³	12	12	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
100-44-7	Benzyl chloride	ND		ug/m³	10	10	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD

Sample Information

Client Sample ID: **SV-4** **York Sample ID:** **13F0242-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Soil Vapor	June 5, 2013 3:00 pm	06/06/2013

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-43-2	Benzene	**58**		ug/m³	6.3	6.3	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
67-64-1	Acetone	**490**		ug/m³	4.7	4.7	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
591-78-6	2-Hexanone	ND		ug/m³	8.1	8.1	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
78-93-3	2-Butanone	**30**		ug/m³	5.9	5.9	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
123-91-1	1,4-Dioxane	ND		ug/m³	7.2	7.2	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	12	12	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	12	12	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
106-99-0	1,3-Butadiene	ND		ug/m³	8.6	8.6	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	9.8	9.8	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	14	14	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.2	9.2	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.0	8.0	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	12	12	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
95-63-6	1,2,4-Trimethylbenzene	**26**		ug/m³	9.8	9.8	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	15	15	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.9	7.9	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.0	8.0	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	11	11	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	15	15	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	14	14	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.8	9.8	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	15	15	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
124-48-1	Dibromochloromethane	ND		ug/m³	16	16	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	8.1	8.1	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD
108-90-7	Chlorobenzene	**300**		ug/m³	9.1	9.1	19.53	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 03:48	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.1 %*	*70-130*

Sample Information

Client Sample ID: SV-5 **York Sample ID:** 13F0242-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Soil Vapor	June 5, 2013 3:00 pm	06/06/2013

Volatile Organics, EPA TO15 Canister Certification **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.27	0.27	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
108-88-3	Toluene	ND		ug/m³	0.38	0.38	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.30	0.30	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.69	0.69	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
115-07-01	Propylene	ND		ug/m³	0.18	0.18	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	2.5	2.5	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
95-47-6	o-Xylene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
110-54-3	n-Hexane	ND		ug/m³	0.36	0.36	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
142-82-5	n-Heptane	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
75-09-2	Methylene chloride	ND		ug/m³	0.35	0.35	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
67-63-0	Isopropanol	ND		ug/m³	0.25	0.25	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
110-82-7	Cyclohexane	ND		ug/m³	0.35	0.35	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
74-87-3	Chloromethane	ND		ug/m³	0.21	0.21	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
67-66-3	Chloroform	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD

Sample Information

Client Sample ID: **SV-5** **York Sample ID:** **13F0242-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Soil Vapor	June 5, 2013 3:00 pm	06/06/2013

Volatile Organics, EPA TO15 Canister Certification

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.63	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.53	0.53	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
71-43-2	Benzene	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
67-64-1	Acetone	ND		ug/m³	0.24	0.24	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
591-78-6	2-Hexanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
78-93-3	2-Butanone	ND		ug/m³	0.30	0.30	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	0.71	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.57	0.57	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	0.78	0.78	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.82	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 19:28	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*85.2 %*	*70-130*

Volatile Organics, EPA TO15 Full List

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

Sample Information

Client Sample ID: **SV-5** **York Sample ID:** **13F0242-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Soil Vapor	June 5, 2013 3:00 pm	06/06/2013

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	5.1	5.1	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
108-05-4	Vinyl acetate	ND		ug/m³	7.1	7.1	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
79-01-6	Trichloroethylene	ND		ug/m³	5.4	5.4	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	9.1	9.1	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	7.9	7.9	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
108-88-3	Toluene	**240**		ug/m³	7.5	7.5	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	5.9	5.9	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	14	14	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
100-42-5	Styrene	ND		ug/m³	8.5	8.5	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
115-07-01	Propylene	ND		ug/m³	3.4	3.4	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
622-96-8	p-Ethyltoluene	**81**		ug/m³	49	49	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
179601-23-1	p- & m- Xylenes	**290**		ug/m³	17	17	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
95-47-6	o-Xylene	**82**		ug/m³	8.7	8.7	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
110-54-3	n-Hexane	**35**		ug/m³	7.1	7.1	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
142-82-5	n-Heptane	**70**		ug/m³	8.2	8.2	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
75-09-2	Methylene chloride	**7.7**		ug/m³	7.0	7.0	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	7.2	7.2	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	8.2	8.2	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
67-63-0	Isopropanol	ND		ug/m³	4.9	4.9	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	21	21	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
100-41-4	Ethyl Benzene	**87**		ug/m³	8.7	8.7	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
141-78-6	Ethyl acetate	ND		ug/m³	7.2	7.2	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
110-82-7	Cyclohexane	ND		ug/m³	6.9	6.9	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	9.1	9.1	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	7.9	7.9	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
74-87-3	Chloromethane	ND		ug/m³	4.1	4.1	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
67-66-3	Chloroform	ND		ug/m³	9.8	9.8	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
75-00-3	Chloroethane	ND		ug/m³	5.3	5.3	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
56-23-5	Carbon tetrachloride	**19**		ug/m³	6.3	6.3	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
75-15-0	Carbon disulfide	**60**		ug/m³	6.2	6.2	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
74-83-9	Bromomethane	ND		ug/m³	7.8	7.8	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
75-25-2	Bromoform	ND		ug/m³	21	21	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
75-27-4	Bromodichloromethane	ND		ug/m³	12	12	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
100-44-7	Benzyl chloride	ND		ug/m³	10	10	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
71-43-2	Benzene	**23**		ug/m³	6.4	6.4	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD

Sample Information

Client Sample ID: **SV-5** **York Sample ID:** **13F0242-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Soil Vapor	June 5, 2013 3:00 pm	06/06/2013

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	**450**		ug/m³	4.8	4.8	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
591-78-6	2-Hexanone	ND		ug/m³	8.2	8.2	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
78-93-3	2-Butanone	**53**		ug/m³	5.9	5.9	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
123-91-1	1,4-Dioxane	ND		ug/m³	7.2	7.2	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	12	12	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	12	12	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
106-99-0	1,3-Butadiene	ND		ug/m³	8.7	8.7	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
108-67-8	1,3,5-Trimethylbenzene	**15**		ug/m³	9.8	9.8	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	14	14	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	9.3	9.3	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	8.1	8.1	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	12	12	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
95-63-6	1,2,4-Trimethylbenzene	**56**		ug/m³	9.8	9.8	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	15	15	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	7.9	7.9	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	8.1	8.1	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	11	11	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	11	11	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	15	15	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	14	14	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	11	11	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	9.9	9.9	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	15	15	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
124-48-1	Dibromochloromethane	ND		ug/m³	16	16	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	8.2	8.2	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD
108-90-7	Chlorobenzene	**260**		ug/m³	9.2	9.2	19.69	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 04:33	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*90.0 %*	*70-130*

Sample Information

Client Sample ID: **Ambient Air** **York Sample ID:** **13F0242-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Outdoor Ambient Air	June 5, 2013 3:00 pm	06/06/2013

Sample Information

Client Sample ID: **Ambient Air** **York Sample ID:** **13F0242-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Outdoor Ambient Air	June 5, 2013 3:00 pm	06/06/2013

Volatile Organics, EPA TO15 Canister Certification **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.36	0.36	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.27	0.27	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
108-88-3	Toluene	ND		ug/m³	0.38	0.38	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.30	0.30	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.69	0.69	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
115-07-01	Propylene	ND		ug/m³	0.18	0.18	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	2.5	2.5	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
179601-23-1	p- & m- Xylenes	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
95-47-6	o-Xylene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
110-54-3	n-Hexane	ND		ug/m³	0.36	0.36	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
142-82-5	n-Heptane	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
75-09-2	Methylene chloride	ND		ug/m³	0.35	0.35	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
67-63-0	Isopropanol	ND		ug/m³	0.25	0.25	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
110-82-7	Cyclohexane	ND		ug/m³	0.35	0.35	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.46	0.46	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
74-87-3	Chloromethane	ND		ug/m³	0.21	0.21	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
67-66-3	Chloroform	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
75-00-3	Chloroethane	ND		ug/m³	0.27	0.27	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
75-25-2	Bromoform	ND		ug/m³	1.1	1.1	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD

Sample Information

Client Sample ID: **Ambient Air** **York Sample ID:** **13F0242-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Outdoor Ambient Air	June 5, 2013 3:00 pm	06/06/2013

Volatile Organics, EPA TO15 Canister Certification

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/m³	0.63	0.63	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.53	0.53	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
71-43-2	Benzene	ND		ug/m³	0.32	0.32	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
67-64-1	Acetone	ND		ug/m³	0.24	0.24	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
591-78-6	2-Hexanone	ND		ug/m³	0.42	0.42	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
78-93-3	2-Butanone	ND		ug/m³	0.30	0.30	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.37	0.37	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.44	0.44	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.71	0.71	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.61	0.61	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.75	0.75	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.41	0.41	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	0.57	0.57	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/m³	0.78	0.78	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.70	0.70	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
75-71-8	Dichlorodifluoromethane	ND		ug/m³	0.50	0.50	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.78	0.78	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
124-48-1	Dibromochloromethane	ND		ug/m³	0.82	0.82	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.47	0.47	1	EPA Compendium TO-15	06/10/2013 09:00	05/30/2013 21:52	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.2 %*	*70-130*

Volatile Organics, EPA TO15 Full List

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

Sample Information

Client Sample ID: **Ambient Air** **York Sample ID:** **13F0242-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Outdoor Ambient Air	June 5, 2013 3:00 pm	06/06/2013

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.17	0.17	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.24	0.24	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.18	0.18	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.31	0.31	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.27	0.27	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
108-88-3	Toluene	**1.9**		ug/m³	0.26	0.26	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
109-99-9	Tetrahydrofuran	**1.9**		ug/m³	0.20	0.20	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.46	0.46	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
100-42-5	Styrene	ND		ug/m³	0.29	0.29	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
115-07-01	Propylene	ND		ug/m³	0.12	0.12	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	1.7	1.7	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
179601-23-1	p- & m- Xylenes	**1.2**		ug/m³	0.59	0.59	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
95-47-6	o-Xylene	**0.44**		ug/m³	0.29	0.29	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
110-54-3	n-Hexane	**1.1**		ug/m³	0.24	0.24	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
142-82-5	n-Heptane	**0.53**		ug/m³	0.28	0.28	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
75-09-2	Methylene chloride	**1.2**		ug/m³	0.24	0.24	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.24	0.24	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.28	0.28	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
67-63-0	Isopropanol	**1.1**		ug/m³	0.17	0.17	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.72	0.72	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
100-41-4	Ethyl Benzene	**0.38**		ug/m³	0.29	0.29	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.24	0.24	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
110-82-7	Cyclohexane	ND		ug/m³	0.23	0.23	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.31	0.31	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.27	0.27	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
74-87-3	Chloromethane	**1.5**		ug/m³	0.14	0.14	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
67-66-3	Chloroform	**0.36**		ug/m³	0.33	0.33	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
75-00-3	Chloroethane	ND		ug/m³	0.18	0.18	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
56-23-5	Carbon tetrachloride	**0.43**		ug/m³	0.21	0.21	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
75-15-0	Carbon disulfide	ND		ug/m³	0.21	0.21	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
74-83-9	Bromomethane	ND		ug/m³	0.26	0.26	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
75-25-2	Bromoform	ND		ug/m³	0.70	0.70	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.42	0.42	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.35	0.35	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
71-43-2	Benzene	**0.54**		ug/m³	0.22	0.22	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD

Sample Information

Client Sample ID: **Ambient Air** **York Sample ID:** **13F0242-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0242	15.38242.0024	Outdoor Ambient Air	June 5, 2013 3:00 pm	06/06/2013

Volatile Organics, EPA TO15 Full List

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

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	**14**		ug/m³	0.16	0.16	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
591-78-6	2-Hexanone	ND		ug/m³	0.28	0.28	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
78-93-3	2-Butanone	**4.4**		ug/m³	0.20	0.20	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.24	0.24	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.41	0.41	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.41	0.41	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.29	0.29	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.33	0.33	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.47	0.47	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.31	0.31	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.27	0.27	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.41	0.41	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
95-63-6	1,2,4-Trimethylbenzene	**0.47**		ug/m³	0.33	0.33	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.50	0.50	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.27	0.27	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.27	0.27	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
75-69-4	Trichlorofluoromethane (Freon 11)	**1.2**		ug/m³	0.38	0.38	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.37	0.37	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
76-13-1	1,2-Trichloro-1,2,2-trifluoroethane (Freon 11	**0.57**		ug/m³	0.52	0.52	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.47	0.47	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.37	0.37	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
75-71-8	Dichlorodifluoromethane	**2.4**		ug/m³	0.34	0.34	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.52	0.52	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
124-48-1	Dibromochloromethane	ND		ug/m³	0.54	0.54	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
80-62-6	Methyl Methacrylate	ND		ug/m³	0.28	0.28	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.31	0.31	0.66666	EPA Compendium TO-15	06/10/2013 09:00	06/11/2013 05:26	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*87.1 %*	*70-130*

Analytical Batch Summary

Batch ID: BF30439 **Preparation Method:** EPA TO15 PREP **Prepared By:** TD

YORK Sample ID	Client Sample ID	Preparation Date
13F0242-01	SV-1	06/10/13
13F0242-02	SV-2	06/10/13
13F0242-03	SV-3	06/10/13
13F0242-04	SV-4	06/10/13
13F0242-05	SV-5	06/10/13
13F0242-06	Ambient Air	06/10/13
BF30439-BLK1	Blank	06/10/13
BF30439-BS1	LCS	06/10/13

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30439 - EPA TO15 PREP											
Blank (BF30439-BLK1)								Prepared & Analyzed: 06/10/2013			
Vinyl Chloride	ND	0.26	ug/m³								
Vinyl acetate	ND	0.36	"								
Trichloroethylene	ND	0.27	"								
trans-1,3-Dichloropropylene	ND	0.46	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
Toluene	ND	0.38	"								
Tetrahydrofuran	ND	0.30	"								
Tetrachloroethylene	ND	0.69	"								
Styrene	ND	0.43	"								
Propylene	ND	0.18	"								
p-Ethyltoluene	ND	2.5	"								
p- & m- Xylenes	ND	0.88	"								
o-Xylene	ND	0.44	"								
n-Hexane	ND	0.36	"								
n-Heptane	ND	0.42	"								
Methylene chloride	ND	0.35	"								
Methyl tert-butyl ether (MTBE)	ND	0.37	"								
4-Methyl-2-pentanone	ND	0.42	"								
Isopropanol	ND	0.25	"								
Hexachlorobutadiene	ND	1.1	"								
Ethyl Benzene	ND	0.44	"								
Ethyl acetate	ND	0.37	"								
Cyclohexane	ND	0.35	"								
cis-1,3-Dichloropropylene	ND	0.46	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
Chloromethane	ND	0.21	"								
Chloroform	ND	0.50	"								
Chloroethane	ND	0.27	"								
Carbon tetrachloride	ND	0.32	"								
Carbon disulfide	ND	0.32	"								
Bromomethane	ND	0.39	"								
Bromoform	ND	1.1	"								
Bromodichloromethane	ND	0.63	"								
Benzyl chloride	ND	0.53	"								
Benzene	ND	0.32	"								
Acetone	ND	0.24	"								
2-Hexanone	ND	0.42	"								
2-Butanone	ND	0.30	"								
1,4-Dioxane	ND	0.37	"								
1,4-Dichlorobenzene	ND	0.61	"								
1,3-Dichlorobenzene	ND	0.61	"								
1,3-Butadiene	ND	0.44	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorotetrafluoroethane	ND	0.71	"								
1,2-Dichloropropane	ND	0.47	"								
1,2-Dichloroethane	ND	0.41	"								
1,2-Dichlorobenzene	ND	0.61	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.75	"								
1,1-Dichloroethylene	ND	0.40	"								
1,1-Dichloroethane	ND	0.41	"								

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30439 - EPA TO15 PREP											
Blank (BF30439-BLK1)								Prepared & Analyzed: 06/10/2013			
Trichlorofluoromethane (Freon 11)	ND	0.57	ug/m³								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"								
1,1,2,2-Tetrachloroethane	ND	0.70	"								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.50	"								
1,2-Dibromoethane	ND	0.78	"								
Dibromochloromethane	ND	0.82	"								
Methyl Methacrylate	ND	0.42	"								
Chlorobenzene	ND	0.47	"								
Surrogate: p-Bromofluorobenzene	*8.87*		*ppbv*	*10.0*		*88.7*	*70-130*				
LCS (BF30439-BS1)								Prepared & Analyzed: 06/10/2013			
Vinyl Chloride	12.6		ppbv	10.5		120	70-130				
Vinyl acetate	11.7		"	10.4		113	58.1-135				
Trichloroethylene	11.3		"	10.6		107	70-130				
trans-1,3-Dichloropropylene	14.1		"	11.5		123	62-135				
trans-1,2-Dichloroethylene	11.5		"	10.3		112	58.3-130				
Toluene	14.6		"	11.0		133	64.9-126	High Bias			
Tetrahydrofuran	13.5		"	10.8		125	44.6-146				
Tetrachloroethylene	12.7		"	10.8		118	70-130				
Styrene	11.1		"	10.9		102	66.4-132				
Propylene	16.6		"	11.5		144	62.4-150				
p-Ethyltoluene	11.8		"	10.4		113	73.8-146				
p- & m- Xylenes	25.0		"	21.8		115	56.6-136				
o-Xylene	12.3		"	11.0		112	67.8-133				
n-Hexane	13.8		"	10.9		126	59.7-130				
n-Heptane	14.3		"	10.9		131	62.3-134				
Methylene chloride	9.68		"	9.70		99.8	62.6-130				
Methyl tert-butyl ether (MTBE)	8.21		"	10.3		79.7	60.7-139				
4-Methyl-2-pentanone	14.2		"	10.6		134	64.5-158				
Isopropanol	11.4		"	10.9		105	60-150				
Hexachlorobutadiene	13.3		"	10.2		130	61.2-150				
Ethyl Benzene	12.8		"	11.0		117	68.4-125				
Ethyl acetate	14.7		"	11.0		134	40.6-150				
Cyclohexane	13.5		"	10.8		125	60.4-127				
cis-1,3-Dichloropropylene	13.6		"	10.9		125	65.5-129				
cis-1,2-Dichloroethylene	11.4		"	10.8		105	51.3-118				
Chloromethane	11.5		"	10.3		111	64.9-130				
Chloroform	11.7		"	11.0		107	65.1-130				
Chloroethane	12.3		"	10.3		119	52.1-131				
Carbon tetrachloride	9.99		"	10.5		95.1	70-130				
Carbon disulfide	12.1		"	10.5		116	61.8-111	High Bias			
Bromomethane	11.7		"	10.5		111	60.1-140				
Bromoform	11.2		"	10.9		103	58.7-150				
Bromodichloromethane	11.5		"	10.6		108	65.3-127				
Benzyl chloride	12.2		"	10.8		113	62.5-150				
Benzene	12.4		"	10.8		115	69.5-130				
Acetone	13.0		"	11.0		118	55.3-133				
2-Hexanone	16.0		"	10.9		146	52-150				
2-Butanone	13.9		"	10.9		127	28.5-154				
1,4-Dioxane	15.3		"	10.6		144	50-150				

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30439 - EPA TO15 PREP											
LCS (BF30439-BS1)							Prepared & Analyzed: 06/10/2013				
1,4-Dichlorobenzene	13.3		ppbv	10.9		122	62.5-139				
1,3-Dichlorobenzene	13.1		"	10.8		121	71.9-153				
1,3-Butadiene	12.9		"	10.9		118	66.7-127				
1,3,5-Trimethylbenzene	12.1		"	11.0		110	65-152				
1,2-Dichlorotetrafluoroethane	11.6		"	10.5		111	63.3-129				
1,2-Dichloropropane	13.2		"	11.0		120	21.3-152				
1,2-Dichloroethane	11.2		"	10.7		104	51.2-124				
1,2-Dichlorobenzene	12.8		"	10.7		119	63.7-148				
1,2,4-Trimethylbenzene	12.1		"	11.0		110	67.9-152				
1,2,4-Trichlorobenzene	14.4		"	10.0		144	58-147				
1,1-Dichloroethylene	10.4		"	9.60		108	58.1-130				
1,1-Dichloroethane	11.3		"	10.3		110	63.3-130				
Trichlorofluoromethane (Freon 11)	11.0		"	11.0		99.6	56-132				
1,1,2-Trichloroethane	13.3		"	11.0		121	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.93		"	9.20		108	60.2-125				
1,1,2,2-Tetrachloroethane	12.4		"	11.0		113	63.7-132				
1,1,1-Trichloroethane	11.0		"	10.5		105	58.2-126				
Dichlorodifluoromethane	10.2		"	10.2		99.7	62.8-133				
1,2-Dibromoethane	13.6		"	11.0		123	70-130				
Dibromochloromethane	11.9		"	10.7		111	70-130				
Methyl Methacrylate	11.3		"	10.7		106	70-130				
Chlorobenzene	12.0		"	11.0		109	67.6-122				
Surrogate: p-Bromofluorobenzene	*9.30*		*"*	*10.0*		*93.0*	*70-130*				

Notes and Definitions

QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.

ND Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

MDL METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

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

Field Chain-of-Custody Record - AIR

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 13F0242

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
Company: CARDNO ATC	Company: SAME	Company: SAME	15.38242.0024	RUSH - Same Day ☐	Summary Report ___
Address: 104 E. 25 Street New York, NY 10010	Address: AS	Address: AS	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary ✓
Phone No. 212 ~~[illegible]~~ 353 8280	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package ___
Contact Person: Matt Mantaich	Attention:	Attention:		RUSH - Three Day ☐	NY ASP A Package ___
E-Mail Address:	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY ✓ NJ___	RUSH - Four Day ☐	NY ASP B/CLP Pkg ___
				Standard(5-7 Days) ☒	NJDEP Reduced ___
					Electronic Deliverables:
					EDD (Specify Type) ___
					Standard Excel ___
					Regulatory Comparison Excel ___

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

Samples Collected/Authorized By (Signature)

JOHN MASCIOLI
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	6.5.13	AS	-29	-4	TO-15 CAN ID Y79 Cont ID T-6	6 Liter Summa canister ✓ Tedlar Bag___
SV-2	6.5.13	AS	-30	-5	TO-15 CAN ID P-01 Cont. ID T10	6 Liter Summa canister ✓ Tedlar Bag___
SV-3	6.5.13	AS	-30	-3	TO-15 CAN ID S18 Cont ID T-9	6 Liter Summa canister ✓ Tedlar Bag___
SV-4	6.5.13	AS	-30	-4	TO-15 CAN ID Y58 Cont ID T8	6 Liter Summa canister ✓ Tedlar Bag___
SV-5	6.5.13	AS	-29	-3	TO-15 CAN ID H24 Cont. ID T4	6 Liter Summa canister ✓ Tedlar Bag___
Ambient AIR	6.5.13	AO	-29	-4	TO-15 CAN ID S-30 Cont ID T7	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

Samples Relinquished By — Date/Time: 6-6-13 1050 AM

Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: K Baker 6/6/13 1050 AM

Samples Received in LAB by — Date/Time: J. [illegible] 6/6/13 - 1700

Technical Report

prepared for:

Cardno ATC
104 East 25th Street
New York NY, 10010
Attention: Matt Mankovich

Report Date: 06/12/2013
Client Project ID: 15.38242.0024
York Project (SDG) No.: 13F0125

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: 06/12/2013
Client Project ID: 15.38242.0024
York Project (SDG) No.: 13F0125

Cardno ATC
104 East 25th Street
New York NY, 10010
Attention: Matt Mankovich

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 04, 2013 and listed below. The project was identified as your project: **15.38242.0024**.

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
13F0125-01	SB-1 0-2'	Soil	06/03/2013	06/04/2013
13F0125-02	SB-1 12'-14'	Soil	06/03/2013	06/04/2013
13F0125-03	SB-2 0-2'	Soil	06/03/2013	06/04/2013
13F0125-04	SB-2 12'-14'	Soil	06/03/2013	06/04/2013
13F0125-05	SB-3 0-2'	Soil	06/03/2013	06/04/2013
13F0125-06	SB-3 12'-14'	Soil	06/03/2013	06/04/2013
13F0125-07	SB-4 0-2'	Soil	06/03/2013	06/04/2013
13F0125-08	SB-4 12'-14'	Soil	06/03/2013	06/04/2013
13F0125-09	SB-5 0-2'	Soil	06/03/2013	06/04/2013
13F0125-10	SB-5 12'-14'	Soil	06/03/2013	06/04/2013
13F0125-11	SB-6 0-2'	Soil	06/03/2013	06/04/2013
13F0125-12	SB-6 12'-14'	Soil	06/03/2013	06/04/2013
13F0125-13	SB-7 0-2'	Soil	06/03/2013	06/04/2013
13F0125-14	SB-7 12'-14'	Soil	06/03/2013	06/04/2013
13F0125-15	S-1 0-2'	Soil	06/03/2013	06/04/2013
13F0125-16	S-2 0-2'	Soil	06/03/2013	06/04/2013
13F0125-17	DUP (Soil)	Soil	06/03/2013	06/04/2013
13F0125-18	Trip Blank	Water	06/03/2013	06/04/2013

General Notes for York Project (SDG) No.: 13F0125

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: 06/12/2013

Benjamin Gulizia
Laboratory Director

YORK

Sample Information

Client Sample ID: **SB-1 0-2'** **York Sample ID:** **13F0125-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:15 pm	06/04/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	9.0	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	9.0	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.3	9.0	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	9.0	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
67-64-1	Acetone	**9.2**		ug/kg dry	2.3	9.0	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK

Sample Information

Client Sample ID: **SB-1 0-2'** **York Sample ID:** **13F0125-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:15 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.3	9.0	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.0	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.3	9.0	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.3	14	1	EPA SW846-8260B	06/05/2013 15:45	06/05/2013 22:52	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*109 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*84-117*

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	367	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	486	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
120-12-7	Anthracene	ND		ug/kg dry	553	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
56-55-3	Benzo(a)anthracene	**2120**		ug/kg dry	379	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
50-32-8	Benzo(a)pyrene	**2240**		ug/kg dry	401	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
65-85-0	Benzoic acid	ND		ug/kg dry	693	2030	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
205-99-2	Benzo(b)fluoranthene	**1810**		ug/kg dry	849	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
191-24-2	Benzo(g,h,i)perylene	**1310**		ug/kg dry	336	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR

Sample Information

Client Sample ID: **SB-1 0-2'** **York Sample ID:** **13F0125-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:15 pm	06/04/2013

Semi-Volatiles, EPA TCL List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-51-6	Benzyl alcohol	ND		ug/kg dry	1010	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
207-08-9	Benzo(k)fluoranthene	**1570**		ug/kg dry	1010	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	559	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	489	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	683	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	264	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	349	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	517	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	357	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	699	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	547	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	334	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	594	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
218-01-9	Chrysene	**1980**		ug/kg dry	466	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	407	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	472	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	411	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	663	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	624	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	320	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	531	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	827	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	637	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	709	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	452	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	884	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1280	2030	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	851	2030	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	521	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	448	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	1010	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
206-44-0	Fluoranthene	**3460**		ug/kg dry	594	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR

Sample Information

Client Sample ID: **SB-1 0-2'** **York Sample ID:** **13F0125-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:15 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	Fluorene	ND		ug/kg dry	486	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	598	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	343	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	754	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	290	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**1290**		ug/kg dry	462	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
78-59-1	Isophorone	ND		ug/kg dry	349	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	778	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	385	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	440	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
91-20-3	Naphthalene	ND		ug/kg dry	249	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	1010	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	420	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	298	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	381	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	276	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	339	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	458	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	764	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
85-01-8	Phenanthrene	**1600**		ug/kg dry	529	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
108-95-2	Phenol	ND		ug/kg dry	438	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
129-00-0	Pyrene	**3550**		ug/kg dry	414	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	367	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	787	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	515	1010	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:23	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*29.7 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*47.1 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*38.8 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*40.2 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*46.3 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*65.1 %*	*30-130*

Sample Information

Client Sample ID: **SB-1 0-2'** **York Sample ID:** **13F0125-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:15 pm	06/04/2013

Pesticides/PCBs, EPA TCL List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	152	152	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:22	JW
72-43-5	Methoxychlor	ND		ug/kg dry	15.1	15.1	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:22	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	3.01	3.01	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:22	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.01	3.01	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:22	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	3.01	3.01	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:22	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	3.01	3.01	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:22	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	3.01	3.01	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:22	JW
72-20-8	Endrin	**44.3**		ug/kg dry	3.01	3.01	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:22	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	3.01	3.01	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:22	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	3.01	3.01	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:22	JW
959-98-8	Endosulfan I	ND		ug/kg dry	3.01	3.01	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:22	JW
60-57-1	Dieldrin	**15.8**		ug/kg dry	3.01	3.01	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:22	JW
319-86-8	delta-BHC	ND		ug/kg dry	3.01	3.01	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:22	JW
57-74-9	Chlordane, total	ND		ug/kg dry	12.0	12.0	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:22	JW
319-85-7	beta-BHC	ND		ug/kg dry	3.01	3.01	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:22	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.01	3.01	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:22	JW
309-00-2	Aldrin	ND		ug/kg dry	3.01	3.01	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:22	JW
50-29-3	4,4'-DDT	**244**		ug/kg dry	3.01	3.01	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:22	JW
72-55-9	4,4'-DDE	**116**		ug/kg dry	3.01	3.01	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:22	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	3.01	3.01	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:22	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	310	310	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:08	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	310	310	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:08	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	310	310	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:08	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	310	310	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:08	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	310	310	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:08	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	310	310	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:08	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	310	310	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:08	JW
1336-36-3	Total PCBs	ND		ug/kg dry	124	310	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:08	JW

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.3 %*		*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*171 %*	*S-04*	*30-150*

Sample Information

Client Sample ID: **SB-1 0-2'** **York Sample ID:** **13F0125-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:15 pm	06/04/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**5200**		mg/kg dry	1.24	2.43	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7440-36-0	Antimony	ND		mg/kg dry	0.268	0.608	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7440-38-2	Arsenic	**7.23**		mg/kg dry	0.414	1.22	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7440-39-3	Barium	**898**		mg/kg dry	0.158	0.608	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.122	0.122	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.122	0.608	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7440-70-2	Calcium	**44500**		mg/kg dry	0.049	6.08	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7440-47-3	Chromium	**12.5**		mg/kg dry	0.146	0.608	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7440-48-4	Cobalt	**3.50**		mg/kg dry	0.097	0.608	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7440-50-8	Copper	**15.6**		mg/kg dry	0.146	0.608	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7439-89-6	Iron	**53900**		mg/kg dry	0.791	2.43	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7439-92-1	Lead	**1910**		mg/kg dry	0.207	0.365	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7439-95-4	Magnesium	**7080**		mg/kg dry	0.547	6.08	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7439-96-5	Manganese	**389**		mg/kg dry	0.134	1.22	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7440-02-0	Nickel	**7.13**		mg/kg dry	0.158	0.608	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7440-09-7	Potassium	**741**		mg/kg dry	4.11	12.2	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7782-49-2	Selenium	**4.95**		mg/kg dry	0.608	0.608	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7440-22-4	Silver	ND		mg/kg dry	0.122	0.608	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7440-23-5	Sodium	**230**		mg/kg dry	6.41	12.2	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7440-28-0	Thallium	ND		mg/kg dry	0.389	0.608	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7440-62-2	Vanadium	**15.8**		mg/kg dry	0.134	0.608	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW
7440-66-6	Zinc	**522**		mg/kg dry	0.109	0.608	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:00	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0401	0.0401	1	EPA SW846-7471	06/06/2013 09:16	06/07/2013 11:32	AA

Sample Information

Client Sample ID: **SB-1 0-2'** **York Sample ID:** **13F0125-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:15 pm	06/04/2013

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**82.2**		%	0.100	0.100	1	SM 2540G	06/06/2013 08:22	06/06/2013 13:51	AMC

Sample Information

Client Sample ID: **SB-1 12'-14'** **York Sample ID:** **13F0125-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:25 pm	06/04/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
67-64-1	Acetone	**11**		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
71-43-2	Benzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK

Sample Information

Client Sample ID: **SB-1 12'-14'** **York Sample ID:** **13F0125-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:25 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
100-42-5	Styrene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
108-88-3	Toluene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.7	16	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:03	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.7 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*99.9 %*	*84-117*

Sample Information

Client Sample ID: **SB-1 12'-14'** **York Sample ID:** **13F0125-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:25 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	73.7	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	97.7	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
120-12-7	Anthracene	ND		ug/kg dry	111	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	76.2	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	80.6	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
65-85-0	Benzoic acid	ND		ug/kg dry	139	407	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	171	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	67.6	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	204	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	204	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	112	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	98.1	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	137	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	52.9	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	70.0	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	104	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	71.7	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	140	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	110	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	67.2	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	119	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
218-01-9	Chrysene	ND		ug/kg dry	93.7	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	81.9	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	94.9	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	82.7	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	133	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	125	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	64.3	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	107	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	166	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	128	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	143	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR

Sample Information

Client Sample ID: **SB-1 12'-14'** **York Sample ID:** **13F0125-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:25 pm	06/04/2013

Semi-Volatiles, EPA TCL List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	90.8	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	178	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	257	407	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	171	407	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	105	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	90.0	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	204	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
206-44-0	Fluoranthene	ND		ug/kg dry	119	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
86-73-7	Fluorene	ND		ug/kg dry	97.7	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	120	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	68.8	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	151	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	58.2	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	92.9	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
78-59-1	Isophorone	ND		ug/kg dry	70.0	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	156	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	77.4	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	88.4	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
91-20-3	Naphthalene	ND		ug/kg dry	50.1	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	202	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	84.3	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	59.9	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	76.6	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	55.4	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	68.0	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	92.0	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	154	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
85-01-8	Phenanthrene	ND		ug/kg dry	106	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
108-95-2	Phenol	ND		ug/kg dry	88.0	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
129-00-0	Pyrene	ND		ug/kg dry	83.1	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	73.7	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	158	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR

Sample Information

Client Sample ID: **SB-1 12'-14'** **York Sample ID:** **13F0125-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:25 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	103	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 15:53	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*81.6 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*64.3 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*58.6 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*66.5 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*60.7 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*85.2 %*	*30-130*

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	153	153	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:03	JW
72-43-5	Methoxychlor	ND		ug/kg dry	15.1	15.1	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:03	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:03	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:03	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:03	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:03	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:03	JW
72-20-8	Endrin	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:03	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:03	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:03	JW
959-98-8	Endosulfan I	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:03	JW
60-57-1	Dieldrin	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:03	JW
319-86-8	delta-BHC	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:03	JW
57-74-9	Chlordane, total	ND		ug/kg dry	12.1	12.1	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:03	JW
319-85-7	beta-BHC	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:03	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:03	JW
309-00-2	Aldrin	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:03	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:03	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:03	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:03	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	31.2	31.2	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 22:53	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	31.2	31.2	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 22:53	JW

Sample Information

Client Sample ID: **SB-1 12'-14'** **York Sample ID:** **13F0125-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:25 pm	06/04/2013

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/kg dry	31.2	31.2	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 22:53	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	31.2	31.2	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 22:53	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	31.2	31.2	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 22:53	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	31.2	31.2	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 22:53	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	31.2	31.2	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 22:53	JW
1336-36-3	Total PCBs	ND		ug/kg dry	12.5	31.2	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 22:53	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.8 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*69.8 %*	*30-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**4900**		mg/kg dry	1.25	2.44	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7440-36-0	Antimony	ND		mg/kg dry	0.269	0.611	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7440-38-2	Arsenic	**2.31**		mg/kg dry	0.415	1.22	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7440-39-3	Barium	**19.2**		mg/kg dry	0.159	0.611	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.122	0.122	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.122	0.611	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7440-70-2	Calcium	**381**		mg/kg dry	0.049	6.11	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7440-47-3	Chromium	**9.02**		mg/kg dry	0.147	0.611	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7440-48-4	Cobalt	**5.07**		mg/kg dry	0.098	0.611	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7440-50-8	Copper	**9.07**		mg/kg dry	0.147	0.611	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7439-89-6	Iron	**13500**		mg/kg dry	0.794	2.44	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7439-92-1	Lead	**4.17**		mg/kg dry	0.208	0.367	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7439-95-4	Magnesium	**1550**		mg/kg dry	0.550	6.11	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7439-96-5	Manganese	**247**		mg/kg dry	0.134	1.22	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7440-02-0	Nickel	**8.84**		mg/kg dry	0.159	0.611	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7440-09-7	Potassium	**553**		mg/kg dry	4.13	12.2	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7782-49-2	Selenium	**2.09**		mg/kg dry	0.611	0.611	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7440-22-4	Silver	ND		mg/kg dry	0.122	0.611	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7440-23-5	Sodium	**70.2**		mg/kg dry	6.44	12.2	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7440-28-0	Thallium	ND		mg/kg dry	0.391	0.611	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7440-62-2	Vanadium	**15.5**		mg/kg dry	0.134	0.611	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW
7440-66-6	Zinc	**21.7**		mg/kg dry	0.110	0.611	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:07	MW

Sample Information

Client Sample ID: **SB-1 12'-14'** **York Sample ID:** **13F0125-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:25 pm	06/04/2013

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0403	0.0403	1	EPA SW846-7471	06/06/2013 09:16	06/07/2013 11:32	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**81.9**		%	0.100	0.100	1	SM 2540G	06/06/2013 08:22	06/06/2013 13:51	AMC

Sample Information

Client Sample ID: **SB-2 0-2'** **York Sample ID:** **13F0125-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:40 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	9.2	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	9.2	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.3	9.2	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	9.2	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
67-64-1	Acetone	ND		ug/kg dry	2.3	9.2	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK

Sample Information

Client Sample ID: **SB-2 0-2'** **York Sample ID:** **13F0125-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:40 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.3	9.2	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.2	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.3	9.2	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.3	14	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 00:38	BK

Sample Information

Client Sample ID: **SB-2 0-2'** **York Sample ID:** **13F0125-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:40 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*		*73-130*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*127 %*		*72-127*							
2037-26-5	*Surrogate: Toluene-d8*	*108 %*		*84-117*							

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	347	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	461	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
120-12-7	Anthracene	ND		ug/kg dry	524	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
56-55-3	Benzo(a)anthracene	**1120**		ug/kg dry	359	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
50-32-8	Benzo(a)pyrene	**1370**		ug/kg dry	380	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
65-85-0	Benzoic acid	ND		ug/kg dry	656	1920	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
205-99-2	Benzo(b)fluoranthene	**936**	J	ug/kg dry	804	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
191-24-2	Benzo(g,h,i)perylene	**831**	J	ug/kg dry	319	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	959	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	959	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	530	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	462	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	647	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	249	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	330	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	489	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	338	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	662	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	518	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	317	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	562	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
218-01-9	Chrysene	**1040**		ug/kg dry	441	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	386	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	447	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	390	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	627	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR

Sample Information

Client Sample ID: **SB-2 0-2'** **York Sample ID:** **13F0125-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:40 pm	06/04/2013

Semi-Volatiles, EPA TCL List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	591	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	303	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	503	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	783	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	603	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	672	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
131-11-3	Dimethyl phthalate	**990**		ug/kg dry	428	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	837	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1210	1920	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	806	1920	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	493	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	424	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	959	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
206-44-0	Fluoranthene	**1940**		ug/kg dry	562	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
86-73-7	Fluorene	ND		ug/kg dry	461	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	566	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	324	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	714	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	274	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**864**	J	ug/kg dry	438	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
78-59-1	Isophorone	ND		ug/kg dry	330	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	737	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	365	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	416	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
91-20-3	Naphthalene	ND		ug/kg dry	236	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	954	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	397	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	282	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	361	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	261	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	320	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	434	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR

Sample Information

Client Sample ID: **SB-2 0-2'** **York Sample ID:** **13F0125-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:40 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		ug/kg dry	723	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
85-01-8	Phenanthrene	**917**	J	ug/kg dry	501	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
108-95-2	Phenol	ND		ug/kg dry	414	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
129-00-0	Pyrene	**1800**		ug/kg dry	391	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	347	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	745	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	487	959	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:24	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*67.9 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*60.9 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*39.6 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*52.6 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*48.1 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*76.2 %*	*30-130*

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	144	144	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:37	JW
72-43-5	Methoxychlor	ND		ug/kg dry	14.2	14.2	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:37	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.85	2.85	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:37	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.85	2.85	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:37	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.85	2.85	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:37	JW
53494-70-5	Endrin ketone	**13.1**		ug/kg dry	2.85	2.85	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:37	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.85	2.85	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:37	JW
72-20-8	Endrin	ND		ug/kg dry	2.85	2.85	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:37	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.85	2.85	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:37	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.85	2.85	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:37	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.85	2.85	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:37	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.85	2.85	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:37	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.85	2.85	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:37	JW
57-74-9	Chlordane, total	ND		ug/kg dry	11.4	11.4	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:37	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.85	2.85	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:37	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.85	2.85	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:37	JW
309-00-2	Aldrin	ND		ug/kg dry	2.85	2.85	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:37	JW

Sample Information

Client Sample ID: **SB-2 0-2'** **York Sample ID:** **13F0125-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:40 pm	06/04/2013

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	**29.2**		ug/kg dry	2.85	2.85	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:37	JW
72-55-9	4,4'-DDE	**43.0**		ug/kg dry	2.85	2.85	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:37	JW
72-54-8	4,4'-DDD	**445**		ug/kg dry	2.85	2.85	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:37	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	294	294	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:27	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	294	294	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:27	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	294	294	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:27	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	294	294	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:27	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	294	294	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:27	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	294	294	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:27	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	294	294	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:27	JW
1336-36-3	Total PCBs	ND		ug/kg dry	117	294	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:27	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.3 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.5 %*	*30-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**7720**		mg/kg dry	1.17	2.30	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW
7440-36-0	Antimony	**0.783**		mg/kg dry	0.253	0.576	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW
7440-38-2	Arsenic	**4.92**		mg/kg dry	0.391	1.15	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW
7440-39-3	Barium	**541**		mg/kg dry	0.150	0.576	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.115	0.115	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.115	0.576	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW
7440-70-2	Calcium	**36600**		mg/kg dry	0.046	5.76	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW
7440-47-3	Chromium	**15.5**		mg/kg dry	0.138	0.576	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW
7440-48-4	Cobalt	**5.78**		mg/kg dry	0.092	0.576	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW
7440-50-8	Copper	**20.6**		mg/kg dry	0.138	0.576	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW
7439-89-6	Iron	**16700**		mg/kg dry	0.748	2.30	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW
7439-92-1	Lead	**285**		mg/kg dry	0.196	0.345	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW
7439-95-4	Magnesium	**4190**		mg/kg dry	0.518	5.76	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW
7439-96-5	Manganese	**310**		mg/kg dry	0.127	1.15	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW
7440-02-0	Nickel	**18.2**		mg/kg dry	0.150	0.576	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW
7440-09-7	Potassium	**947**		mg/kg dry	3.89	11.5	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW
7782-49-2	Selenium	**1.84**		mg/kg dry	0.576	0.576	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW

Sample Information

Client Sample ID: **SB-2 0-2'** **York Sample ID:** **13F0125-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:40 pm	06/04/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.115	0.576	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW
7440-23-5	Sodium	**375**		mg/kg dry	6.07	11.5	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW
7440-28-0	Thallium	ND		mg/kg dry	0.368	0.576	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW
7440-62-2	Vanadium	**26.5**		mg/kg dry	0.127	0.576	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW
7440-66-6	Zinc	**227**		mg/kg dry	0.104	0.576	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:24	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0380	0.0380	1	EPA SW846-7471	06/06/2013 09:16	06/07/2013 11:32	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**86.9**		%	0.100	0.100	1	SM 2540G	06/06/2013 08:22	06/06/2013 13:51	AMC

Sample Information

Client Sample ID: **SB-2 12'-14'** **York Sample ID:** **13F0125-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:50 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK

Sample Information

Client Sample ID: **SB-2 12'-14'** **York Sample ID:** **13F0125-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:50 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
67-64-1	Acetone	**7.4**	J	ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
71-43-2	Benzene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
100-42-5	Styrene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK

Sample Information

Client Sample ID: **SB-2 12'-14'** **York Sample ID:** **13F0125-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:50 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.3	14	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:14	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.4 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*84-117*

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	68.9	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	91.4	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
120-12-7	Anthracene	ND		ug/kg dry	104	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	71.2	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	75.4	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
65-85-0	Benzoic acid	ND		ug/kg dry	130	381	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	160	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	63.2	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	190	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	190	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	105	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	91.8	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	128	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.5	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	65.5	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	97.1	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	67.0	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	131	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	103	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR

Sample Information

Client Sample ID: **SB-2 12'-14'** **York Sample ID:** **13F0125-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:50 pm	06/04/2013

Semi-Volatiles, EPA TCL List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/kg dry	62.8	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	112	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
218-01-9	Chrysene	ND		ug/kg dry	87.6	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	76.5	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	88.7	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	77.3	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	125	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	117	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	60.2	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	99.8	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	155	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	120	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	133	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	84.9	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	166	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	240	381	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	160	381	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	97.9	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	84.2	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	190	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
206-44-0	Fluoranthene	ND		ug/kg dry	112	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
86-73-7	Fluorene	ND		ug/kg dry	91.4	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	112	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	64.4	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	142	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	54.5	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	86.8	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
78-59-1	Isophorone	ND		ug/kg dry	65.5	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	146	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	72.4	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	82.6	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
91-20-3	Naphthalene	ND		ug/kg dry	46.8	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR

Sample Information

Client Sample ID: **SB-2 12'-14'** **York Sample ID:** **13F0125-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:50 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	189	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	78.8	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	56.0	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	71.6	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	51.8	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	63.6	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	86.1	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	144	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
85-01-8	Phenanthrene	ND		ug/kg dry	99.4	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
108-95-2	Phenol	ND		ug/kg dry	82.3	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
129-00-0	Pyrene	ND		ug/kg dry	77.7	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	68.9	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	148	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	96.7	190	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 16:54	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*71.7 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*54.3 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*41.5 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*52.8 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*52.5 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*67.9 %*	*30-130*

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	143	143	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:18	JW
72-43-5	Methoxychlor	ND		ug/kg dry	14.1	14.1	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:18	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.83	2.83	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:18	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.83	2.83	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:18	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.83	2.83	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:18	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.83	2.83	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:18	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.83	2.83	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:18	JW
72-20-8	Endrin	ND		ug/kg dry	2.83	2.83	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:18	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.83	2.83	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:18	JW

Sample Information

Client Sample ID: **SB-2 12'-14'** **York Sample ID:** **13F0125-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:50 pm	06/04/2013

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/kg dry	2.83	2.83	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:18	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.83	2.83	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:18	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.83	2.83	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:18	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.83	2.83	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:18	JW
57-74-9	Chlordane, total	ND		ug/kg dry	11.3	11.3	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:18	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.83	2.83	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:18	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.83	2.83	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:18	JW
309-00-2	Aldrin	ND		ug/kg dry	2.83	2.83	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:18	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.83	2.83	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:18	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.83	2.83	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:18	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.83	2.83	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:18	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	29.1	29.1	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:13	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	29.1	29.1	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:13	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	29.1	29.1	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:13	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	29.1	29.1	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:13	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	29.1	29.1	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:13	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	29.1	29.1	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:13	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	29.1	29.1	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:13	JW
1336-36-3	Total PCBs	ND		ug/kg dry	11.7	29.1	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:13	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*95.7 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*110 %*	*30-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**4720**		mg/kg dry	1.17	2.28	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW
7440-36-0	Antimony	ND		mg/kg dry	0.251	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW
7440-38-2	Arsenic	**2.53**		mg/kg dry	0.388	1.14	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW
7440-39-3	Barium	**26.9**		mg/kg dry	0.149	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.114	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW
7440-70-2	Calcium	**249**		mg/kg dry	0.046	5.71	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW
7440-47-3	Chromium	**10.9**		mg/kg dry	0.137	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW

Sample Information

Client Sample ID: **SB-2 12'-14'** **York Sample ID:** **13F0125-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:50 pm	06/04/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	**6.31**		mg/kg dry	0.091	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW
7440-50-8	Copper	**9.56**		mg/kg dry	0.137	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW
7439-89-6	Iron	**15200**		mg/kg dry	0.743	2.28	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW
7439-92-1	Lead	**3.59**		mg/kg dry	0.194	0.343	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW
7439-95-4	Magnesium	**1750**		mg/kg dry	0.514	5.71	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW
7439-96-5	Manganese	**321**		mg/kg dry	0.126	1.14	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW
7440-02-0	Nickel	**10.1**		mg/kg dry	0.149	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW
7440-09-7	Potassium	**722**		mg/kg dry	3.86	11.4	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW
7782-49-2	Selenium	**2.37**		mg/kg dry	0.571	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW
7440-22-4	Silver	ND		mg/kg dry	0.114	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW
7440-23-5	Sodium	**76.5**		mg/kg dry	6.02	11.4	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW
7440-28-0	Thallium	ND		mg/kg dry	0.366	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW
7440-62-2	Vanadium	**16.7**		mg/kg dry	0.126	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW
7440-66-6	Zinc	**23.6**		mg/kg dry	0.103	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:29	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0377	0.0377	1	EPA SW846-7471	06/06/2013 09:16	06/07/2013 11:32	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**87.5**		%	0.100	0.100	1	SM 2540G	06/06/2013 08:22	06/06/2013 13:51	AMC

Sample Information

Client Sample ID: **SB-3 0-2'** **York Sample ID:** **13F0125-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 11:10 am	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK

Sample Information

Client Sample ID: **SB-3 0-2'** **York Sample ID:** **13F0125-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 11:10 am	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
78-93-3	2-Butanone	**5.2**	J	ug/kg dry	2.6	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
67-64-1	Acetone	**32**		ug/kg dry	2.6	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.6	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
91-20-3	Naphthalene	**30**	B	ug/kg dry	2.6	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK

Sample Information

Client Sample ID: **SB-3 0-2'** **York Sample ID:** **13F0125-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 11:10 am	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.6	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
100-42-5	Styrene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.6	16	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 01:49	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*84-117*

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	335	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	444	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
120-12-7	Anthracene	**1190**		ug/kg dry	505	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
56-55-3	Benzo(a)anthracene	**4320**		ug/kg dry	346	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
50-32-8	Benzo(a)pyrene	**3660**		ug/kg dry	366	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
65-85-0	Benzoic acid	ND		ug/kg dry	633	1850	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
205-99-2	Benzo(b)fluoranthene	**3120**		ug/kg dry	775	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
191-24-2	Benzo(g,h,i)perylene	**1400**		ug/kg dry	307	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	925	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
207-08-9	Benzo(k)fluoranthene	**2480**		ug/kg dry	925	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	511	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR

Sample Information

Client Sample ID: **SB-3 0-2'** **York Sample ID:** **13F0125-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 11:10 am	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	446	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	624	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	241	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	318	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	472	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	326	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	639	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	500	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	305	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	542	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
218-01-9	Chrysene	**3770**		ug/kg dry	426	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	372	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	431	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	376	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	605	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	570	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	292	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	485	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	755	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	581	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	648	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	413	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1170	1850	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	807	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	777	1850	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	476	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	409	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	925	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
206-44-0	Fluoranthene	**8570**		ug/kg dry	542	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
86-73-7	Fluorene	ND		ug/kg dry	444	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	546	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	313	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR

Sample Information

Client Sample ID: **SB-3 0-2'** **York Sample ID:** **13F0125-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 11:10 am	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	688	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	265	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**1600**		ug/kg dry	422	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
78-59-1	Isophorone	ND		ug/kg dry	318	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	711	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	352	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	402	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
91-20-3	Naphthalene	ND		ug/kg dry	228	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	920	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	383	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	272	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	348	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	252	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	309	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	418	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	698	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
85-01-8	Phenanthrene	**6120**		ug/kg dry	483	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
108-95-2	Phenol	ND		ug/kg dry	400	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
129-00-0	Pyrene	**8430**		ug/kg dry	378	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	335	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	718	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	470	925	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:24	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*17.5 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*45.2 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*24.6 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*40.2 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*40.7 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*55.3 %*	*30-130*

Sample Information

Client Sample ID: **SB-3 0-2'** **York Sample ID:** **13F0125-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 11:10 am	06/04/2013

Pesticides/PCBs, EPA TCL List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	139	139	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:52	JW
72-43-5	Methoxychlor	ND		ug/kg dry	13.7	13.7	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:52	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:52	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:52	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:52	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:52	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:52	JW
72-20-8	Endrin	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:52	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:52	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:52	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:52	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:52	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:52	JW
57-74-9	Chlordane, total	ND		ug/kg dry	11.0	11.0	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:52	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:52	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:52	JW
309-00-2	Aldrin	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:52	JW
50-29-3	4,4'-DDT	**466**		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:52	JW
72-55-9	4,4'-DDE	**63.1**		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:52	JW
72-54-8	4,4'-DDD	**116**		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 12:52	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	283	283	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:47	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	283	283	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:47	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	283	283	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:47	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	283	283	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:47	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	283	283	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:47	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	283	283	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:47	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	283	283	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:47	JW
1336-36-3	Total PCBs	ND		ug/kg dry	113	283	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 18:47	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.7 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*104 %*	*30-150*

Sample Information

Client Sample ID: **SB-3 0-2'** **York Sample ID:** **13F0125-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 11:10 am	06/04/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**6030**		mg/kg dry	1.13	2.22	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7440-36-0	Antimony	ND		mg/kg dry	0.244	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7440-38-2	Arsenic	**5.95**		mg/kg dry	0.378	1.11	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7440-39-3	Barium	**297**		mg/kg dry	0.144	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.111	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7440-70-2	Calcium	**28300**		mg/kg dry	0.044	5.55	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7440-47-3	Chromium	**26.5**		mg/kg dry	0.133	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7440-48-4	Cobalt	**9.86**		mg/kg dry	0.089	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7440-50-8	Copper	**116**		mg/kg dry	0.133	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7439-89-6	Iron	**55200**		mg/kg dry	0.722	2.22	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7439-92-1	Lead	**99.7**		mg/kg dry	0.189	0.333	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7439-95-4	Magnesium	**4900**		mg/kg dry	0.500	5.55	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7439-96-5	Manganese	**435**		mg/kg dry	0.122	1.11	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7440-02-0	Nickel	**24.6**		mg/kg dry	0.144	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7440-09-7	Potassium	**608**		mg/kg dry	3.75	11.1	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7782-49-2	Selenium	**3.73**		mg/kg dry	0.555	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7440-22-4	Silver	ND		mg/kg dry	0.111	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7440-23-5	Sodium	**184**		mg/kg dry	5.85	11.1	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7440-28-0	Thallium	ND		mg/kg dry	0.355	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7440-62-2	Vanadium	**14.7**		mg/kg dry	0.122	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW
7440-66-6	Zinc	**141**		mg/kg dry	0.100	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:34	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0366	0.0366	1	EPA SW846-7471	06/06/2013 09:16	06/07/2013 11:32	AA

Sample Information

Client Sample ID: **SB-3 0-2'** **York Sample ID:** **13F0125-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 11:10 am	06/04/2013

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**90.1**		%	0.100	0.100	1	SM 2540G	06/06/2013 08:22	06/06/2013 13:51	AMC

Sample Information

Client Sample ID: **SB-3 12'-14'** **York Sample ID:** **13F0125-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 11:20 am	06/04/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	10	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	10	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
78-93-3	2-Butanone	ND		ug/kg dry	2.5	10	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	10	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
67-64-1	Acetone	**15**		ug/kg dry	2.5	10	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
71-43-2	Benzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK

Sample Information

Client Sample ID: **SB-3 12'-14'** **York Sample ID:** **13F0125-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 11:20 am	06/04/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
75-09-2	Methylene chloride	ND		ug/kg dry	2.5	10	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
91-20-3	Naphthalene	**3.3**	J, B	ug/kg dry	2.5	10	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.5	10	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
100-42-5	Styrene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
108-88-3	Toluene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.5	15	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 02:24	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.6 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*99.3 %*	*84-117*

Sample Information

Client Sample ID: **SB-3 12'-14'** **York Sample ID:** **13F0125-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 11:20 am	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	74.7	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	99.1	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
120-12-7	Anthracene	ND		ug/kg dry	113	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	77.2	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	81.7	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
65-85-0	Benzoic acid	ND		ug/kg dry	141	413	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	173	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	68.5	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	206	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	206	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	114	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	99.5	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	139	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	53.7	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	71.0	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	105	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	72.7	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	142	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	111	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	68.1	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	121	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
218-01-9	Chrysene	ND		ug/kg dry	95.0	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	83.0	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	96.2	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	83.8	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	135	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	127	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	65.2	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	108	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	168	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	130	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	144	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR

Sample Information

Client Sample ID: SB-3 12'-14'

York Sample ID: 13F0125-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 11:20 am	06/04/2013

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	92.1	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	180	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	260	413	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	173	413	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	106	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	91.2	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	206	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
206-44-0	Fluoranthene	ND		ug/kg dry	121	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
86-73-7	Fluorene	ND		ug/kg dry	99.1	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	122	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	69.8	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	154	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	59.0	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	94.1	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
78-59-1	Isophorone	ND		ug/kg dry	71.0	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	159	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	78.4	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	89.6	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
91-20-3	Naphthalene	ND		ug/kg dry	50.8	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	205	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	85.5	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	60.7	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	77.6	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	56.1	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	68.9	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	93.3	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	156	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
85-01-8	Phenanthrene	ND		ug/kg dry	108	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
108-95-2	Phenol	ND		ug/kg dry	89.2	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
129-00-0	Pyrene	ND		ug/kg dry	84.2	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	74.7	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	160	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR

Sample Information

Client Sample ID: **SB-3 12'-14'** **York Sample ID:** **13F0125-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 11:20 am	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	105	206	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 17:55	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*74.0 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*58.3 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*44.4 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*61.7 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*59.0 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*71.1 %*	*30-130*

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	155	155	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:33	JW
72-43-5	Methoxychlor	ND		ug/kg dry	15.3	15.3	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:33	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	3.07	3.07	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:33	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.07	3.07	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:33	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	3.07	3.07	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:33	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	3.07	3.07	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:33	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	3.07	3.07	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:33	JW
72-20-8	Endrin	ND		ug/kg dry	3.07	3.07	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:33	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	3.07	3.07	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:33	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	3.07	3.07	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:33	JW
959-98-8	Endosulfan I	ND		ug/kg dry	3.07	3.07	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:33	JW
60-57-1	Dieldrin	ND		ug/kg dry	3.07	3.07	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:33	JW
319-86-8	delta-BHC	ND		ug/kg dry	3.07	3.07	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:33	JW
57-74-9	Chlordane, total	ND		ug/kg dry	12.3	12.3	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:33	JW
319-85-7	beta-BHC	ND		ug/kg dry	3.07	3.07	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:33	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.07	3.07	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:33	JW
309-00-2	Aldrin	ND		ug/kg dry	3.07	3.07	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:33	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	3.07	3.07	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:33	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	3.07	3.07	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:33	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	3.07	3.07	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:33	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	31.6	31.6	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:33	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	31.6	31.6	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:33	JW

Sample Information

Client Sample ID: **SB-3 12'-14'** **York Sample ID:** **13F0125-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 11:20 am	06/04/2013

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/kg dry	31.6	31.6	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:33	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	31.6	31.6	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:33	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	31.6	31.6	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:33	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	31.6	31.6	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:33	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	31.6	31.6	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:33	JW
1336-36-3	Total PCBs	ND		ug/kg dry	12.6	31.6	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:33	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*99.8 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.7 %*	*30-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**12900**		mg/kg dry	1.26	2.48	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7440-36-0	Antimony	ND		mg/kg dry	0.272	0.619	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7440-38-2	Arsenic	**4.46**		mg/kg dry	0.421	1.24	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7440-39-3	Barium	**70.2**		mg/kg dry	0.161	0.619	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.124	0.124	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.124	0.619	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7440-70-2	Calcium	**1200**		mg/kg dry	0.050	6.19	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7440-47-3	Chromium	**21.5**		mg/kg dry	0.149	0.619	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7440-48-4	Cobalt	**18.2**		mg/kg dry	0.099	0.619	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7440-50-8	Copper	**24.4**		mg/kg dry	0.149	0.619	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7439-89-6	Iron	**26200**		mg/kg dry	0.805	2.48	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7439-92-1	Lead	**10.8**		mg/kg dry	0.211	0.372	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7439-95-4	Magnesium	**4150**		mg/kg dry	0.557	6.19	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7439-96-5	Manganese	**344**		mg/kg dry	0.136	1.24	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7440-02-0	Nickel	**18.2**		mg/kg dry	0.161	0.619	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7440-09-7	Potassium	**1690**		mg/kg dry	4.19	12.4	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7782-49-2	Selenium	**3.63**		mg/kg dry	0.619	0.619	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7440-22-4	Silver	ND		mg/kg dry	0.124	0.619	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7440-23-5	Sodium	**90.0**		mg/kg dry	6.53	12.4	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7440-28-0	Thallium	ND		mg/kg dry	0.396	0.619	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7440-62-2	Vanadium	**39.8**		mg/kg dry	0.136	0.619	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW
7440-66-6	Zinc	**56.1**		mg/kg dry	0.111	0.619	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:51	MW

Sample Information

Client Sample ID: **SB-3 12'-14'** **York Sample ID:** **13F0125-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 11:20 am	06/04/2013

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0409	0.0409	1	EPA SW846-7471	06/06/2013 09:16	06/07/2013 11:32	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**80.7**		%	0.100	0.100	1	SM 2540G	06/06/2013 08:22	06/06/2013 13:51	AMC

Sample Information

Client Sample ID: **SB-4 0-2'** **York Sample ID:** **13F0125-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:05 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.2	8.8	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.2	8.8	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.2	8.8	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.2	8.8	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
67-64-1	Acetone	**2.6**	J	ug/kg dry	2.2	8.8	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
71-43-2	Benzene	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS

Sample Information

Client Sample ID: **SB-4 0-2'** **York Sample ID:** **13F0125-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:05 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
75-25-2	Bromoform	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
67-66-3	Chloroform	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.2	8.8	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.2	8.8	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.2	8.8	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
100-42-5	Styrene	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
108-88-3	Toluene	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.2	4.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.2	13	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 12:54	SS

Sample Information

Client Sample ID: **SB-4 0-2'** **York Sample ID:** **13F0125-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:05 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.1 %*		*73-130*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.1 %*		*72-127*							
2037-26-5	*Surrogate: Toluene-d8*	*101 %*		*84-117*							

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	344	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	456	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
120-12-7	Anthracene	**841**	J	ug/kg dry	519	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
56-55-3	Benzo(a)anthracene	**4720**		ug/kg dry	356	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
50-32-8	Benzo(a)pyrene	**3480**		ug/kg dry	377	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
65-85-0	Benzoic acid	ND		ug/kg dry	650	1900	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
205-99-2	Benzo(b)fluoranthene	**3140**		ug/kg dry	797	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
191-24-2	Benzo(g,h,i)perylene	**883**	J	ug/kg dry	316	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	951	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
207-08-9	Benzo(k)fluoranthene	**2400**		ug/kg dry	951	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
85-68-7	Benzyl butyl phthalate	**1050**		ug/kg dry	525	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	458	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	641	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	247	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	327	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	485	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	335	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
117-81-7	Bis(2-ethylhexyl)phthalate	**5320**		ug/kg dry	656	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	514	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	314	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	557	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
218-01-9	Chrysene	**4430**		ug/kg dry	437	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	382	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	443	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	386	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	622	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	586	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR

Sample Information

Client Sample ID: **SB-4 0-2'** **York Sample ID:** **13F0125-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:05 pm	06/04/2013

Semi-Volatiles, EPA TCL List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	301	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	498	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	776	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	597	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	666	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	424	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	829	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1200	1900	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	799	1900	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	489	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	420	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	951	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
206-44-0	Fluoranthene	**8660**		ug/kg dry	557	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
86-73-7	Fluorene	ND		ug/kg dry	456	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	561	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	321	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	708	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	272	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**1050**		ug/kg dry	434	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
78-59-1	Isophorone	**612**	J	ug/kg dry	327	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	730	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	361	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	413	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
91-20-3	Naphthalene	ND		ug/kg dry	234	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	945	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	394	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	280	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	358	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	259	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	318	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	430	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	717	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR

Sample Information

Client Sample ID: **SB-4 0-2'** **York Sample ID:** **13F0125-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:05 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
85-01-8	Phenanthrene	**3540**		ug/kg dry	496	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
108-95-2	Phenol	ND		ug/kg dry	411	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
129-00-0	Pyrene	**8880**		ug/kg dry	388	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	344	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	738	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	483	951	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:25	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*72.2 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*57.5 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*40.9 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*53.2 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*44.7 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*69.2 %*	*30-130*

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	143	143	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:08	JW
72-43-5	Methoxychlor	ND		ug/kg dry	14.1	14.1	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:08	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.82	2.82	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:08	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.82	2.82	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:08	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.82	2.82	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:08	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.82	2.82	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:08	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.82	2.82	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:08	JW
72-20-8	Endrin	ND		ug/kg dry	2.82	2.82	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:08	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.82	2.82	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:08	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.82	2.82	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:08	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.82	2.82	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:08	JW
60-57-1	Dieldrin	**62.9**		ug/kg dry	2.82	2.82	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:08	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.82	2.82	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:08	JW
57-74-9	Chlordane, total	ND		ug/kg dry	11.3	11.3	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:08	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.82	2.82	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:08	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.82	2.82	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:08	JW
309-00-2	Aldrin	ND		ug/kg dry	2.82	2.82	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:08	JW
50-29-3	4,4'-DDT	**93.6**		ug/kg dry	2.82	2.82	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:08	JW

Sample Information

Client Sample ID: **SB-4 0-2'** **York Sample ID:** **13F0125-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:05 pm	06/04/2013

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	**91.1**		ug/kg dry	2.82	2.82	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:08	JW
72-54-8	4,4'-DDD	**296**		ug/kg dry	2.82	2.82	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:08	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	291	291	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:07	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	291	291	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:07	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	291	291	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:07	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	291	291	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:07	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	291	291	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:07	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	291	291	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:07	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	291	291	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:07	JW
1336-36-3	Total PCBs	ND		ug/kg dry	116	291	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:07	JW

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.8 %*		*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*167 %*	*S-04*	*30-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**6590**		mg/kg dry	1.16	2.28	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW
7440-36-0	Antimony	**0.601**		mg/kg dry	0.251	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW
7440-38-2	Arsenic	**4.28**		mg/kg dry	0.388	1.14	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW
7440-39-3	Barium	**345**		mg/kg dry	0.148	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.114	0.114	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.114	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW
7440-70-2	Calcium	**54300**		mg/kg dry	0.046	5.71	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW
7440-47-3	Chromium	**16.7**		mg/kg dry	0.137	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW
7440-48-4	Cobalt	**4.86**		mg/kg dry	0.091	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW
7440-50-8	Copper	**27.5**		mg/kg dry	0.137	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW
7439-89-6	Iron	**16800**		mg/kg dry	0.742	2.28	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW
7439-92-1	Lead	**206**		mg/kg dry	0.194	0.342	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW
7439-95-4	Magnesium	**6330**		mg/kg dry	0.514	5.71	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW
7439-96-5	Manganese	**286**		mg/kg dry	0.126	1.14	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW
7440-02-0	Nickel	**14.3**		mg/kg dry	0.148	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW
7440-09-7	Potassium	**1100**		mg/kg dry	3.86	11.4	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW
7782-49-2	Selenium	**2.13**		mg/kg dry	0.571	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW
7440-22-4	Silver	ND		mg/kg dry	0.114	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW

Sample Information

Client Sample ID: **SB-4 0-2'** **York Sample ID:** **13F0125-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:05 pm	06/04/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	**242**		mg/kg dry	6.01	11.4	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW
7440-28-0	Thallium	ND		mg/kg dry	0.365	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW
7440-62-2	Vanadium	**21.9**		mg/kg dry	0.126	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW
7440-66-6	Zinc	**249**		mg/kg dry	0.103	0.571	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 02:56	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0377	0.0377	1	EPA SW846-7471	06/06/2013 09:16	06/07/2013 11:32	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**87.6**		%	0.100	0.100	1	SM 2540G	06/06/2013 08:22	06/06/2013 13:51	AMC

Sample Information

Client Sample ID: **SB-4 12'-14'** **York Sample ID:** **13F0125-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:15 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.8	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.8	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS

Sample Information

Client Sample ID: **SB-4 12'-14'** **York Sample ID:** **13F0125-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:15 pm	06/04/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.8	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.8	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
67-64-1	Acetone	**12**		ug/kg dry	2.8	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
71-43-2	Benzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
75-25-2	Bromoform	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
67-66-3	Chloroform	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.8	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.8	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.8	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
100-42-5	Styrene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
108-88-3	Toluene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS

Sample Information

Client Sample ID: **SB-4 12'-14'** **York Sample ID:** **13F0125-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:15 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.8	5.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.8	17	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 13:29	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*94.9 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*84-117*

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	77.9	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	103	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
120-12-7	Anthracene	ND		ug/kg dry	117	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	80.4	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	85.2	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
65-85-0	Benzoic acid	ND		ug/kg dry	147	430	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	180	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	71.4	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	215	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	215	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	119	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	104	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	145	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	55.9	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	74.0	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	110	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	75.7	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	148	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	116	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	71.0	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR

Sample Information

Client Sample ID: **SB-4 12'-14'** **York Sample ID:** **13F0125-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:15 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	126	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
218-01-9	Chrysene	ND		ug/kg dry	98.9	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	86.5	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	100	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	87.3	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	141	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	132	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	68.0	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	113	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	176	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	135	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	151	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	95.9	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	271	430	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	188	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	181	430	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	111	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	95.1	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	215	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
206-44-0	Fluoranthene	ND		ug/kg dry	126	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
86-73-7	Fluorene	ND		ug/kg dry	103	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	127	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	72.7	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	160	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	61.5	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	98.1	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
78-59-1	Isophorone	ND		ug/kg dry	74.0	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	165	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	81.7	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	93.4	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
91-20-3	Naphthalene	ND		ug/kg dry	52.9	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	214	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR

Sample Information

Client Sample ID: **SB-4 12'-14'** **York Sample ID:** **13F0125-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:15 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	89.1	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	63.2	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	80.9	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	58.5	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	71.8	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	97.2	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	162	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
85-01-8	Phenanthrene	ND		ug/kg dry	112	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
108-95-2	Phenol	ND		ug/kg dry	92.9	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
129-00-0	Pyrene	ND		ug/kg dry	87.8	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	77.9	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	167	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	109	215	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 18:55	SR

	Surrogate Recoveries	Result		Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*54.0 %*		*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*29.1 %*	*S-04*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*35.7 %*		*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*34.7 %*		*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*38.8 %*		*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*45.9 %*		*30-130*

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	162	162	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:48	JW
72-43-5	Methoxychlor	ND		ug/kg dry	16.0	16.0	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:48	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	3.19	3.19	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:48	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.19	3.19	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:48	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	3.19	3.19	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:48	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	3.19	3.19	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:48	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	3.19	3.19	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:48	JW
72-20-8	Endrin	ND		ug/kg dry	3.19	3.19	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:48	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	3.19	3.19	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:48	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	3.19	3.19	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:48	JW

Sample Information

Client Sample ID: **SB-4 12'-14'** **York Sample ID:** **13F0125-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:15 pm	06/04/2013

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/kg dry	3.19	3.19	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:48	JW
60-57-1	Dieldrin	ND		ug/kg dry	3.19	3.19	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:48	JW
319-86-8	delta-BHC	ND		ug/kg dry	3.19	3.19	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:48	JW
57-74-9	Chlordane, total	ND		ug/kg dry	12.8	12.8	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:48	JW
319-85-7	beta-BHC	ND		ug/kg dry	3.19	3.19	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:48	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.19	3.19	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:48	JW
309-00-2	Aldrin	ND		ug/kg dry	3.19	3.19	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:48	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	3.19	3.19	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:48	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	3.19	3.19	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:48	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	3.19	3.19	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 19:48	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	32.9	32.9	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:52	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	32.9	32.9	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:52	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	32.9	32.9	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:52	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	32.9	32.9	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:52	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	32.9	32.9	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:52	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	32.9	32.9	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:52	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	32.9	32.9	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:52	JW
1336-36-3	Total PCBs	ND		ug/kg dry	13.2	32.9	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 23:52	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.8 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*93.9 %*	*30-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**9790**		mg/kg dry	1.32	2.58	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW
7440-36-0	Antimony	ND		mg/kg dry	0.284	0.645	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW
7440-38-2	Arsenic	**4.04**		mg/kg dry	0.439	1.29	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW
7440-39-3	Barium	**61.6**		mg/kg dry	0.168	0.645	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.129	0.129	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.129	0.645	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW
7440-70-2	Calcium	**964**		mg/kg dry	0.052	6.45	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW
7440-47-3	Chromium	**27.7**		mg/kg dry	0.155	0.645	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW
7440-48-4	Cobalt	**10.3**		mg/kg dry	0.103	0.645	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW

Sample Information

Client Sample ID: **SB-4 12'-14'** **York Sample ID:** **13F0125-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:15 pm	06/04/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	**23.8**		mg/kg dry	0.155	0.645	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW
7439-89-6	Iron	**28400**		mg/kg dry	0.839	2.58	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW
7439-92-1	Lead	**7.97**		mg/kg dry	0.219	0.387	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW
7439-95-4	Magnesium	**3590**		mg/kg dry	0.581	6.45	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW
7439-96-5	Manganese	**139**		mg/kg dry	0.142	1.29	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW
7440-02-0	Nickel	**27.3**		mg/kg dry	0.168	0.645	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW
7440-09-7	Potassium	**1890**		mg/kg dry	4.36	12.9	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW
7782-49-2	Selenium	**4.03**		mg/kg dry	0.645	0.645	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW
7440-22-4	Silver	ND		mg/kg dry	0.129	0.645	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW
7440-23-5	Sodium	**99.2**		mg/kg dry	6.80	12.9	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW
7440-28-0	Thallium	ND		mg/kg dry	0.413	0.645	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW
7440-62-2	Vanadium	**32.2**		mg/kg dry	0.142	0.645	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW
7440-66-6	Zinc	**66.7**		mg/kg dry	0.116	0.645	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:01	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0426	0.0426	1	EPA SW846-7471	06/06/2013 09:16	06/07/2013 11:32	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**77.5**		%	0.100	0.100	1	SM 2540G	06/06/2013 08:22	06/06/2013 13:51	AMC

Sample Information

Client Sample ID: **SB-5 0-2'** **York Sample ID:** **13F0125-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:50 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS

Sample Information

Client Sample ID: **SB-5 0-2'** **York Sample ID:** **13F0125-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:50 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
95-63-6	1,2,4-Trimethylbenzene	**26**		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
108-67-8	1,3,5-Trimethylbenzene	**19**		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
78-93-3	2-Butanone	**15**		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
67-64-1	Acetone	**73**		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
75-15-0	Carbon disulfide	**6.7**		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
100-41-4	Ethyl Benzene	**3.2**	J	ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
91-20-3	Naphthalene	**6000**	B	ug/kg dry	230	930	100	EPA SW846-8260B	06/05/2013 15:45	06/07/2013 14:15	BK
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS

Sample Information

Client Sample ID: **SB-5 0-2'** **York Sample ID:** **13F0125-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:50 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	**2.5**	J	ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
95-47-6	o-Xylene	**7.3**		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
179601-23-1	p- & m- Xylenes	**7.6**	J	ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
135-98-8	sec-Butylbenzene	**2.3**	J	ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.7	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS
1330-20-7	Xylenes, Total	**15**		ug/kg dry	2.3	14	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:05	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*107 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*84-117*

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	**5260**	J	ug/kg dry	3680	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	4880	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
120-12-7	Anthracene	**11600**		ug/kg dry	5550	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
56-55-3	Benzo(a)anthracene	**18200**		ug/kg dry	3800	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
50-32-8	Benzo(a)pyrene	**12000**		ug/kg dry	4020	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
65-85-0	Benzoic acid	ND		ug/kg dry	6950	20300	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
205-99-2	Benzo(b)fluoranthene	**15600**		ug/kg dry	8520	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
191-24-2	Benzo(g,h,i)perylene	**5020**	J	ug/kg dry	3370	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	10200	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
207-08-9	Benzo(k)fluoranthene	**13100**		ug/kg dry	10200	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	5610	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	4900	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	6850	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR

Sample Information

Client Sample ID: **SB-5 0-2'** **York Sample ID:** **13F0125-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:50 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-47-8	4-Chloroaniline	ND		ug/kg dry	2640	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	3500	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	5180	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	3580	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
117-81-7	Bis(2-ethylhexyl)phthalate	**12600**		ug/kg dry	7010	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	5490	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	3350	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	5960	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
218-01-9	Chrysene	**17700**		ug/kg dry	4680	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	4090	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	4740	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	4130	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	6650	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	6260	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	3210	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	5330	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	8290	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	6380	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	7110	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	4530	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	12800	20300	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	8860	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	8540	20300	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	5220	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	4490	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	10200	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
206-44-0	Fluoranthene	**43300**		ug/kg dry	5960	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
86-73-7	Fluorene	**8800**	J	ug/kg dry	4880	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	6000	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	3440	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	7560	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	2910	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR

Sample Information

Client Sample ID: **SB-5 0-2'** **York Sample ID:** **13F0125-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:50 pm	06/04/2013

Semi-Volatiles, EPA TCL List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
193-39-5	Indeno(1,2,3-cd)pyrene	**4720**	J	ug/kg dry	4630	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
78-59-1	Isophorone	ND		ug/kg dry	3500	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	7810	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	3860	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	4410	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
91-20-3	Naphthalene	ND		ug/kg dry	2500	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	10100	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	4210	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	2990	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	3820	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	2760	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	3390	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	4590	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	7660	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
85-01-8	Phenanthrene	**48700**		ug/kg dry	5310	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
108-95-2	Phenol	ND		ug/kg dry	4390	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
129-00-0	Pyrene	**53200**		ug/kg dry	4150	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	3680	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	7890	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	5160	10200	50	EPA SW846-8270C	06/07/2013 06:28	06/11/2013 13:06	SR

	Surrogate Recoveries	Result		Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*%*	*S-06*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*97.6 %*		*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*%*	*S-06*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*1.00 %*	*S-06*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*18.0 %*		*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*%*	*S-06*	*30-130*

Sample Information

Client Sample ID: **SB-5 0-2'** **York Sample ID:** **13F0125-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:50 pm	06/04/2013

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	153	153	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:23	JW
72-43-5	Methoxychlor	ND		ug/kg dry	15.1	15.1	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:23	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:23	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:23	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:23	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:23	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:23	JW
72-20-8	Endrin	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:23	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:23	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:23	JW
959-98-8	Endosulfan I	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:23	JW
60-57-1	Dieldrin	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:23	JW
319-86-8	delta-BHC	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:23	JW
57-74-9	Chlordane, total	ND		ug/kg dry	12.1	12.1	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:23	JW
319-85-7	beta-BHC	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:23	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:23	JW
309-00-2	Aldrin	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:23	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:23	JW
72-55-9	4,4'-DDE	**79.1**		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:23	JW
72-54-8	4,4'-DDD	**302**		ug/kg dry	3.02	3.02	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:23	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	311	311	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:26	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	311	311	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:26	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	311	311	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:26	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	311	311	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:26	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	311	311	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:26	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	311	311	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:26	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	311	311	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:26	JW
1336-36-3	Total PCBs	ND		ug/kg dry	124	311	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:26	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*31.0 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*129 %*	*30-150*

Sample Information

Client Sample ID: **SB-5 0-2'** **York Sample ID:** **13F0125-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:50 pm	06/04/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**10800**		mg/kg dry	1.24	2.44	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7440-36-0	Antimony	**0.929**		mg/kg dry	0.268	0.610	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7440-38-2	Arsenic	**5.73**		mg/kg dry	0.415	1.22	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7440-39-3	Barium	**591**		mg/kg dry	0.159	0.610	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.122	0.122	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.122	0.610	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7440-70-2	Calcium	**34500**		mg/kg dry	0.049	6.10	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7440-47-3	Chromium	**14.0**		mg/kg dry	0.146	0.610	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7440-48-4	Cobalt	**4.32**		mg/kg dry	0.098	0.610	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7440-50-8	Copper	**1640**		mg/kg dry	0.146	0.610	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7439-89-6	Iron	**33500**		mg/kg dry	0.793	2.44	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7439-92-1	Lead	**368**		mg/kg dry	0.207	0.366	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7439-95-4	Magnesium	**3760**		mg/kg dry	0.549	6.10	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7439-96-5	Manganese	**390**		mg/kg dry	0.134	1.22	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7440-02-0	Nickel	**12.4**		mg/kg dry	0.159	0.610	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7440-09-7	Potassium	**676**		mg/kg dry	4.12	12.2	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7782-49-2	Selenium	**3.48**		mg/kg dry	0.610	0.610	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7440-22-4	Silver	ND		mg/kg dry	0.122	0.610	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7440-23-5	Sodium	**224**		mg/kg dry	6.43	12.2	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7440-28-0	Thallium	ND		mg/kg dry	0.390	0.610	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7440-62-2	Vanadium	**20.3**		mg/kg dry	0.134	0.610	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW
7440-66-6	Zinc	**396**		mg/kg dry	0.110	0.610	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:06	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0402	0.0402	1	EPA SW846-7471	06/06/2013 09:16	06/07/2013 11:32	AA

Sample Information

Client Sample ID: **SB-5 0-2'** **York Sample ID:** **13F0125-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 12:50 pm	06/04/2013

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**82.0**		%	0.100	0.100	1	SM 2540G	06/06/2013 08:22	06/06/2013 13:51	AMC

Sample Information

Client Sample ID: **SB-5 12'-14'** **York Sample ID:** **13F0125-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:00 pm	06/04/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
67-64-1	Acetone	**9.4**	J	ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS

Sample Information

Client Sample ID: **SB-5 12'-14'** **York Sample ID:** **13F0125-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:00 pm	06/04/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
91-20-3	Naphthalene	**13**	B	ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.7	16	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 14:40	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*99.1 %*	*84-117*

Sample Information

Client Sample ID: **SB-5 12'-14'** **York Sample ID:** **13F0125-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:00 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	74.0	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	98.1	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
120-12-7	Anthracene	ND		ug/kg dry	112	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	76.4	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	80.9	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
65-85-0	Benzoic acid	ND		ug/kg dry	140	409	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	171	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	67.8	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	204	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	204	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	113	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	98.5	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	138	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	53.1	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	70.3	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	104	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	71.9	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	141	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	110	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	67.4	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	120	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
218-01-9	Chrysene	ND		ug/kg dry	94.0	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	82.2	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	95.2	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	83.0	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	134	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	126	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	64.6	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	107	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	167	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	128	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	143	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR

Sample Information

Client Sample ID: **SB-5 12'-14'** **York Sample ID:** **13F0125-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:00 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	91.1	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	178	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	257	409	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	172	409	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	105	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	90.3	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	204	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
206-44-0	Fluoranthene	ND		ug/kg dry	120	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
86-73-7	Fluorene	ND		ug/kg dry	98.1	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	121	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	69.1	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	152	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	58.4	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	93.2	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
78-59-1	Isophorone	ND		ug/kg dry	70.3	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	157	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	77.7	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	88.7	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
91-20-3	Naphthalene	ND		ug/kg dry	50.3	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	203	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	84.6	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	60.1	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	76.8	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	55.6	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	68.3	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	92.4	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	154	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
85-01-8	Phenanthrene	ND		ug/kg dry	107	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
108-95-2	Phenol	ND		ug/kg dry	88.3	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
129-00-0	Pyrene	ND		ug/kg dry	83.4	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	74.0	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	159	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR

Sample Information

Client Sample ID: **SB-5 12'-14'** **York Sample ID:** **13F0125-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:00 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	104	204	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 19:55	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*65.1 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*39.6 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*54.7 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*52.2 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*55.6 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*74.4 %*	*30-130*

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	154	154	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:03	JW
72-43-5	Methoxychlor	ND		ug/kg dry	15.2	15.2	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:03	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	3.03	3.03	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:03	JW
76-44-8	Heptachlor	ND		ug/kg dry	3.03	3.03	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:03	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	3.03	3.03	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:03	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	3.03	3.03	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:03	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	3.03	3.03	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:03	JW
72-20-8	Endrin	ND		ug/kg dry	3.03	3.03	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:03	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	3.03	3.03	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:03	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	3.03	3.03	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:03	JW
959-98-8	Endosulfan I	ND		ug/kg dry	3.03	3.03	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:03	JW
60-57-1	Dieldrin	ND		ug/kg dry	3.03	3.03	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:03	JW
319-86-8	delta-BHC	ND		ug/kg dry	3.03	3.03	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:03	JW
57-74-9	Chlordane, total	ND		ug/kg dry	12.1	12.1	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:03	JW
319-85-7	beta-BHC	ND		ug/kg dry	3.03	3.03	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:03	JW
319-84-6	alpha-BHC	ND		ug/kg dry	3.03	3.03	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:03	JW
309-00-2	Aldrin	ND		ug/kg dry	3.03	3.03	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:03	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	3.03	3.03	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:03	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	3.03	3.03	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:03	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	3.03	3.03	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:03	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	31.3	31.3	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:44	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	31.3	31.3	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:44	JW

Sample Information

Client Sample ID: **SB-5 12'-14'** **York Sample ID:** **13F0125-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:00 pm	06/04/2013

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12672-29-6	Aroclor 1248	ND		ug/kg dry	31.3	31.3	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:44	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	31.3	31.3	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:44	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	31.3	31.3	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:44	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	31.3	31.3	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:44	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	31.3	31.3	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:44	JW
1336-36-3	Total PCBs	ND		ug/kg dry	12.5	31.3	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:44	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*107 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*110 %*	*30-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**5230**		mg/kg dry	1.25	2.45	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7440-36-0	Antimony	ND		mg/kg dry	0.270	0.613	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7440-38-2	Arsenic	**1.84**		mg/kg dry	0.417	1.23	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7440-39-3	Barium	**30.8**		mg/kg dry	0.159	0.613	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.123	0.123	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.123	0.613	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7440-70-2	Calcium	**338**		mg/kg dry	0.049	6.13	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7440-47-3	Chromium	**10.0**		mg/kg dry	0.147	0.613	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7440-48-4	Cobalt	**5.43**		mg/kg dry	0.098	0.613	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7440-50-8	Copper	**7.96**		mg/kg dry	0.147	0.613	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7439-89-6	Iron	**14100**		mg/kg dry	0.797	2.45	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7439-92-1	Lead	**3.79**		mg/kg dry	0.208	0.368	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7439-95-4	Magnesium	**1900**		mg/kg dry	0.552	6.13	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7439-96-5	Manganese	**303**		mg/kg dry	0.135	1.23	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7440-02-0	Nickel	**11.4**		mg/kg dry	0.159	0.613	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7440-09-7	Potassium	**849**		mg/kg dry	4.14	12.3	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7782-49-2	Selenium	**2.20**		mg/kg dry	0.613	0.613	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7440-22-4	Silver	ND		mg/kg dry	0.123	0.613	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7440-23-5	Sodium	**75.8**		mg/kg dry	6.46	12.3	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7440-28-0	Thallium	ND		mg/kg dry	0.392	0.613	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7440-62-2	Vanadium	**16.5**		mg/kg dry	0.135	0.613	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW
7440-66-6	Zinc	**24.0**		mg/kg dry	0.110	0.613	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:13	MW

Sample Information

Client Sample ID: **SB-5 12'-14'** **York Sample ID:** **13F0125-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 1:00 pm	06/04/2013

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0405	0.0405	1	EPA SW846-7471	06/06/2013 13:03	06/07/2013 11:33	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**81.6**		%	0.100	0.100	1	SM 2540G	06/06/2013 08:22	06/06/2013 13:51	AMC

Sample Information

Client Sample ID: **SB-6 0-2'** **York Sample ID:** **13F0125-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:35 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
78-93-3	2-Butanone	**8.9**	J	ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
67-64-1	Acetone	**110**		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS

Sample Information

Client Sample ID: **SB-6 0-2'** **York Sample ID:** **13F0125-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:35 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
91-20-3	Naphthalene	**2.9**	B, J	ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.3	9.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
79-01-6	Trichloroethylene	**8.8**		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.3	14	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:15	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*73-130*

Sample Information

Client Sample ID: **SB-6 0-2'** **York Sample ID:** **13F0125-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:35 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.7 %*			*72-127*						
2037-26-5	*Surrogate: Toluene-d8*	*100 %*			*84-117*						

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	342	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	454	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
120-12-7	Anthracene	**1270**		ug/kg dry	516	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
56-55-3	Benzo(a)anthracene	**3270**		ug/kg dry	353	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
50-32-8	Benzo(a)pyrene	**2420**		ug/kg dry	374	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
65-85-0	Benzoic acid	ND		ug/kg dry	646	1890	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
205-99-2	Benzo(b)fluoranthene	**1960**		ug/kg dry	792	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
191-24-2	Benzo(g,h,i)perylene	**540**	J	ug/kg dry	314	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	945	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
207-08-9	Benzo(k)fluoranthene	**1840**		ug/kg dry	945	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	522	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	455	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	637	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	246	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	325	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	482	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	333	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	652	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	510	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	312	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	554	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
218-01-9	Chrysene	**2700**		ug/kg dry	435	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	380	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	440	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	384	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	618	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	582	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	299	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR

Sample Information

Client Sample ID: **SB-6 0-2'** **York Sample ID:** **13F0125-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:35 pm	06/04/2013

Semi-Volatiles, EPA TCL List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	495	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	771	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	593	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	661	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	421	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	824	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1190	1890	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	794	1890	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	486	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	418	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	945	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
206-44-0	Fluoranthene	**6470**		ug/kg dry	554	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
86-73-7	Fluorene	ND		ug/kg dry	454	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	558	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	319	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	703	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	270	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**726**	J	ug/kg dry	431	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
78-59-1	Isophorone	ND		ug/kg dry	325	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	726	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	359	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	410	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
91-20-3	Naphthalene	ND		ug/kg dry	232	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	939	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	391	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	278	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	355	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	257	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	316	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	427	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	712	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
85-01-8	Phenanthrene	**5370**		ug/kg dry	493	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR

Sample Information

Client Sample ID: **SB-6 0-2'** **York Sample ID:** **13F0125-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:35 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/kg dry	408	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
129-00-0	Pyrene	**6680**		ug/kg dry	386	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	342	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	733	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	480	945	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:26	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*18.9 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*47.7 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*23.1 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*54.2 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*53.3 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*78.4 %*	*30-130*

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	142	142	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:53	JW
72-43-5	Methoxychlor	ND		ug/kg dry	14.0	14.0	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:53	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.81	2.81	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:53	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.81	2.81	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:53	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.81	2.81	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:53	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.81	2.81	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:53	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.81	2.81	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:53	JW
72-20-8	Endrin	ND		ug/kg dry	2.81	2.81	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:53	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.81	2.81	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:53	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.81	2.81	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:53	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.81	2.81	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:53	JW
60-57-1	Dieldrin	**16.9**		ug/kg dry	2.81	2.81	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:53	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.81	2.81	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:53	JW
57-74-9	Chlordane, total	ND		ug/kg dry	11.2	11.2	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:53	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.81	2.81	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:53	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.81	2.81	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:53	JW
309-00-2	Aldrin	ND		ug/kg dry	2.81	2.81	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:53	JW
50-29-3	4,4'-DDT	**139**		ug/kg dry	2.81	2.81	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:53	JW
72-55-9	4,4'-DDE	**62.5**		ug/kg dry	2.81	2.81	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:53	JW

Sample Information

Client Sample ID: **SB-6 0-2'** **York Sample ID:** **13F0125-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:35 pm	06/04/2013

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	**48.5**		ug/kg dry	2.81	2.81	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 13:53	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	289	289	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:46	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	289	289	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:46	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	289	289	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:46	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	289	289	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:46	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	289	289	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:46	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	289	289	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:46	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	289	289	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:46	JW
1336-36-3	Total PCBs	ND		ug/kg dry	116	289	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 19:46	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*79.2 %*	*30-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**5440**		mg/kg dry	1.16	2.27	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW
7440-36-0	Antimony	ND		mg/kg dry	0.249	0.567	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW
7440-38-2	Arsenic	**3.96**		mg/kg dry	0.386	1.13	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW
7440-39-3	Barium	**378**		mg/kg dry	0.147	0.567	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.113	0.567	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW
7440-70-2	Calcium	**46000**		mg/kg dry	0.045	5.67	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW
7440-47-3	Chromium	**15.3**		mg/kg dry	0.136	0.567	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW
7440-48-4	Cobalt	**3.79**		mg/kg dry	0.091	0.567	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW
7440-50-8	Copper	**11.3**		mg/kg dry	0.136	0.567	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW
7439-89-6	Iron	**10300**		mg/kg dry	0.737	2.27	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW
7439-92-1	Lead	**236**		mg/kg dry	0.193	0.340	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW
7439-95-4	Magnesium	**7110**		mg/kg dry	0.510	5.67	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW
7439-96-5	Manganese	**197**		mg/kg dry	0.125	1.13	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW
7440-02-0	Nickel	**13.3**		mg/kg dry	0.147	0.567	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW
7440-09-7	Potassium	**1570**		mg/kg dry	3.83	11.3	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW
7782-49-2	Selenium	ND		mg/kg dry	0.567	0.567	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW
7440-22-4	Silver	ND		mg/kg dry	0.113	0.567	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW
7440-23-5	Sodium	**453**		mg/kg dry	5.98	11.3	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW

Sample Information

Client Sample ID: **SB-6 0-2'** **York Sample ID:** **13F0125-11**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:35 pm	06/04/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/kg dry	0.363	0.567	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW
7440-62-2	Vanadium	**13.9**		mg/kg dry	0.125	0.567	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW
7440-66-6	Zinc	**163**		mg/kg dry	0.102	0.567	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:18	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0374	0.0374	1	EPA SW846-7471	06/06/2013 13:03	06/07/2013 11:33	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**88.2**		%	0.100	0.100	1	SM 2540G	06/06/2013 08:22	06/06/2013 13:51	AMC

Sample Information

Client Sample ID: **SB-6 12'-14'** **York Sample ID:** **13F0125-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:45 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	9.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	9.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS

Sample Information

Client Sample ID: **SB-6 12'-14'** **York Sample ID:** **13F0125-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:45 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.3	9.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	9.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
67-64-1	Acetone	**5.6**	J	ug/kg dry	2.3	9.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.3	9.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.3	9.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.3	9.1	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS

Sample Information

Client Sample ID: **SB-6 12'-14'** **York Sample ID:** **13F0125-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:45 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.3	14	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 15:50	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*96.9 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.3 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*98.0 %*	*84-117*

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	67.9	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	90.1	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
120-12-7	Anthracene	ND		ug/kg dry	102	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	70.2	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	74.3	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
65-85-0	Benzoic acid	ND		ug/kg dry	128	375	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	157	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	62.3	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	188	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	188	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	104	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	90.5	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	126	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.8	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	64.6	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	95.7	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	66.1	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	129	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	101	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	61.9	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR

Sample Information

Client Sample ID: SB-6 12'-14'

York Sample ID: 13F0125-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:45 pm	06/04/2013

Semi-Volatiles, EPA TCL List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	110	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
218-01-9	Chrysene	ND		ug/kg dry	86.3	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	75.4	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	87.5	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	76.2	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	123	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	116	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	59.3	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	98.3	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	153	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	118	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	131	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	83.7	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	236	375	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	164	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	158	375	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	96.5	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	83.0	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	188	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
206-44-0	Fluoranthene	ND		ug/kg dry	110	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
86-73-7	Fluorene	ND		ug/kg dry	90.1	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	111	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	63.4	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	140	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	53.7	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	85.6	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
78-59-1	Isophorone	ND		ug/kg dry	64.6	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	144	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	71.3	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	81.4	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
91-20-3	Naphthalene	ND		ug/kg dry	46.2	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	187	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR

Sample Information

Client Sample ID: **SB-6 12'-14'** **York Sample ID:** **13F0125-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:45 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/kg dry	77.7	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	55.2	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	70.6	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	51.0	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	62.7	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	84.8	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	142	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
85-01-8	Phenanthrene	ND		ug/kg dry	98.0	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
108-95-2	Phenol	ND		ug/kg dry	81.1	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
129-00-0	Pyrene	ND		ug/kg dry	76.6	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	67.9	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	146	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	95.3	188	1	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 20:57	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*74.7 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*46.1 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*49.5 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*53.9 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*58.3 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*82.8 %*	*30-130*

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	141	141	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:18	JW
72-43-5	Methoxychlor	ND		ug/kg dry	13.9	13.9	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:18	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.79	2.79	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:18	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.79	2.79	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:18	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.79	2.79	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:18	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.79	2.79	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:18	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.79	2.79	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:18	JW
72-20-8	Endrin	ND		ug/kg dry	2.79	2.79	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:18	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.79	2.79	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:18	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.79	2.79	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:18	JW

Sample Information

Client Sample ID: **SB-6 12'-14'** **York Sample ID:** **13F0125-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:45 pm	06/04/2013

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/kg dry	2.79	2.79	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:18	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.79	2.79	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:18	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.79	2.79	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:18	JW
57-74-9	Chlordane, total	ND		ug/kg dry	11.1	11.1	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:18	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.79	2.79	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:18	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.79	2.79	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:18	JW
309-00-2	Aldrin	ND		ug/kg dry	2.79	2.79	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:18	JW
50-29-3	4,4'-DDT	ND		ug/kg dry	2.79	2.79	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:18	JW
72-55-9	4,4'-DDE	ND		ug/kg dry	2.79	2.79	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:18	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.79	2.79	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/10/2013 20:18	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	28.7	28.7	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 09:01	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	28.7	28.7	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 09:01	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	28.7	28.7	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 09:01	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	28.7	28.7	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 09:01	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	28.7	28.7	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 09:01	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	28.7	28.7	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 09:01	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	28.7	28.7	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 09:01	JW
1336-36-3	Total PCBs	ND		ug/kg dry	11.5	28.7	1	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 09:01	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*106 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*103 %*	*30-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**4290**		mg/kg dry	1.15	2.25	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW
7440-36-0	Antimony	ND		mg/kg dry	0.248	0.563	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW
7440-38-2	Arsenic	**2.19**		mg/kg dry	0.383	1.13	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW
7440-39-3	Barium	**16.2**		mg/kg dry	0.146	0.563	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.113	0.113	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.113	0.563	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW
7440-70-2	Calcium	**412**		mg/kg dry	0.045	5.63	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW
7440-47-3	Chromium	**7.60**		mg/kg dry	0.135	0.563	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW
7440-48-4	Cobalt	**4.08**		mg/kg dry	0.090	0.563	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW

Sample Information

Client Sample ID: **SB-6 12'-14'** **York Sample ID:** **13F0125-12**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:45 pm	06/04/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	**7.90**		mg/kg dry	0.135	0.563	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW
7439-89-6	Iron	**12500**		mg/kg dry	0.732	2.25	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW
7439-92-1	Lead	**3.77**		mg/kg dry	0.191	0.338	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW
7439-95-4	Magnesium	**1240**		mg/kg dry	0.507	5.63	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW
7439-96-5	Manganese	**215**		mg/kg dry	0.124	1.13	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW
7440-02-0	Nickel	**8.82**		mg/kg dry	0.146	0.563	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW
7440-09-7	Potassium	**392**		mg/kg dry	3.81	11.3	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW
7782-49-2	Selenium	**2.13**		mg/kg dry	0.563	0.563	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW
7440-22-4	Silver	ND		mg/kg dry	0.113	0.563	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW
7440-23-5	Sodium	**44.2**		mg/kg dry	5.93	11.3	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW
7440-28-0	Thallium	ND		mg/kg dry	0.360	0.563	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW
7440-62-2	Vanadium	**11.9**		mg/kg dry	0.124	0.563	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW
7440-66-6	Zinc	**19.5**		mg/kg dry	0.101	0.563	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:23	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0372	0.0372	1	EPA SW846-7471	06/06/2013 13:03	06/07/2013 11:33	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**88.8**		%	0.100	0.100	1	SM 2540G	06/06/2013 08:22	06/06/2013 13:51	AMC

Sample Information

Client Sample ID: **SB-7 0-2'** **York Sample ID:** **13F0125-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:00 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS

Sample Information

Client Sample ID: **SB-7 0-2'** **York Sample ID:** **13F0125-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:00 pm	06/04/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
78-93-3	2-Butanone	**12**		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
67-64-1	Acetone	**66**		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
71-43-2	Benzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
75-25-2	Bromoform	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
75-15-0	Carbon disulfide	**8.5**		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
67-66-3	Chloroform	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
91-20-3	Naphthalene	**91**	B	ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS

Sample Information

Client Sample ID: **SB-7 0-2'** **York Sample ID:** **13F0125-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:00 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.7	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
100-42-5	Styrene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
108-88-3	Toluene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.7	5.4	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.7	16	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 16:25	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.4 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.4 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*84-117*

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	360	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	477	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
120-12-7	Anthracene	**949**	J	ug/kg dry	543	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
56-55-3	Benzo(a)anthracene	**2570**		ug/kg dry	372	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
50-32-8	Benzo(a)pyrene	**2120**		ug/kg dry	394	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
65-85-0	Benzoic acid	ND		ug/kg dry	680	1990	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
205-99-2	Benzo(b)fluoranthene	**1470**		ug/kg dry	833	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
191-24-2	Benzo(g,h,i)perylene	**408**	J	ug/kg dry	330	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	995	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
207-08-9	Benzo(k)fluoranthene	**1590**		ug/kg dry	995	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	549	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR

Sample Information

Client Sample ID: **SB-7 0-2'** **York Sample ID:** **13F0125-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:00 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	479	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	670	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	259	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	342	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	507	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	350	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	686	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	537	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	328	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	583	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
218-01-9	Chrysene	**2680**		ug/kg dry	457	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	400	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	463	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	404	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	650	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	613	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	314	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	521	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	812	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	625	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	696	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	444	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1250	1990	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	867	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	835	1990	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	511	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	440	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	995	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
206-44-0	Fluoranthene	**6030**		ug/kg dry	583	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
86-73-7	Fluorene	ND		ug/kg dry	477	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	587	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	336	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR

Sample Information

Client Sample ID: **SB-7 0-2'** **York Sample ID:** **13F0125-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:00 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	740	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	284	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**587**	J	ug/kg dry	453	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
78-59-1	Isophorone	ND		ug/kg dry	342	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	764	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	378	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	432	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
91-20-3	Naphthalene	ND		ug/kg dry	245	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	989	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	412	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	292	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	374	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	271	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	332	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	450	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	750	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
85-01-8	Phenanthrene	**4030**		ug/kg dry	519	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
108-95-2	Phenol	ND		ug/kg dry	430	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
129-00-0	Pyrene	**5540**		ug/kg dry	406	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	360	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	772	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	505	995	5	EPA SW846-8270C	06/07/2013 06:28	06/07/2013 21:28	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*66.4 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*40.5 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*45.5 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*52.3 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*45.3 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*69.5 %*	*30-130*

Sample Information

Client Sample ID: **SB-7 0-2'** **York Sample ID:** **13F0125-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:00 pm	06/04/2013

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	149	149	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:08	JW
72-43-5	Methoxychlor	ND		ug/kg dry	14.8	14.8	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:08	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:08	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:08	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:08	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:08	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:08	JW
72-20-8	Endrin	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:08	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:08	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:08	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:08	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:08	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:08	JW
57-74-9	Chlordane, total	ND		ug/kg dry	11.8	11.8	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:08	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:08	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:08	JW
309-00-2	Aldrin	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:08	JW
50-29-3	4,4'-DDT	**43.0**		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:08	JW
72-55-9	4,4'-DDE	**186**		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:08	JW
72-54-8	4,4'-DDD	**228**		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:08	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	304	304	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:06	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	304	304	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:06	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	304	304	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:06	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	304	304	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:06	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	304	304	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:06	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	304	304	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:06	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	304	304	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:06	JW
1336-36-3	Total PCBs	ND		ug/kg dry	122	304	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:06	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.6 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*139 %*	*30-150*

Sample Information

Client Sample ID: **SB-7 0-2'** **York Sample ID:** **13F0125-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:00 pm	06/04/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**7310**		mg/kg dry	1.22	2.39	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7440-36-0	Antimony	ND		mg/kg dry	0.263	0.597	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7440-38-2	Arsenic	**4.63**		mg/kg dry	0.406	1.19	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7440-39-3	Barium	**470**		mg/kg dry	0.155	0.597	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.119	0.119	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.119	0.597	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7440-70-2	Calcium	**26200**		mg/kg dry	0.048	5.97	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7440-47-3	Chromium	**14.3**		mg/kg dry	0.143	0.597	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7440-48-4	Cobalt	**4.65**		mg/kg dry	0.095	0.597	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7440-50-8	Copper	**26.5**		mg/kg dry	0.143	0.597	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7439-89-6	Iron	**13400**		mg/kg dry	0.776	2.39	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7439-92-1	Lead	**289**		mg/kg dry	0.203	0.358	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7439-95-4	Magnesium	**4030**		mg/kg dry	0.537	5.97	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7439-96-5	Manganese	**237**		mg/kg dry	0.131	1.19	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7440-02-0	Nickel	**14.0**		mg/kg dry	0.155	0.597	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7440-09-7	Potassium	**891**		mg/kg dry	4.03	11.9	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7782-49-2	Selenium	**1.50**		mg/kg dry	0.597	0.597	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7440-22-4	Silver	ND		mg/kg dry	0.119	0.597	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7440-23-5	Sodium	**566**		mg/kg dry	6.29	11.9	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7440-28-0	Thallium	ND		mg/kg dry	0.382	0.597	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7440-62-2	Vanadium	**20.0**		mg/kg dry	0.131	0.597	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW
7440-66-6	Zinc	**266**		mg/kg dry	0.107	0.597	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:28	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	**0.143**		mg/kg dry	0.0394	0.0394	1	EPA SW846-7471	06/06/2013 13:03	06/07/2013 11:33	AA

Sample Information

Client Sample ID: **SB-7 0-2'** **York Sample ID:** **13F0125-13**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:00 pm	06/04/2013

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**83.8**		%	0.100	0.100	1	SM 2540G	06/06/2013 08:22	06/06/2013 13:51	AMC

Sample Information

Client Sample ID: **SB-7 12'-14'** **York Sample ID:** **13F0125-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:10 pm	06/04/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.6	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
67-64-1	Acetone	**5.3**	J	ug/kg dry	2.6	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS

Sample Information

Client Sample ID: **SB-7 12'-14'** **York Sample ID:** **13F0125-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:10 pm	06/04/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.6	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
91-20-3	Naphthalene	**5.5**	B, J	ug/kg dry	2.6	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.6	11	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.6	16	1	EPA SW846-8260B	06/05/2013 15:45	06/06/2013 17:00	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.2 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.9 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*98.5 %*	*84-117*

Sample Information

Client Sample ID: **SB-7 12'-14'** **York Sample ID:** **13F0125-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:10 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	360	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	477	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
120-12-7	Anthracene	ND		ug/kg dry	542	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
56-55-3	Benzo(a)anthracene	**870**	J	ug/kg dry	371	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	393	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
65-85-0	Benzoic acid	ND		ug/kg dry	679	1990	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	832	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	330	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	993	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	993	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	548	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	479	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	669	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	258	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	342	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	507	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	350	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	685	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	536	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	328	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	582	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
218-01-9	Chrysene	**862**	J	ug/kg dry	457	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	399	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	463	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	403	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	650	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	612	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	314	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	520	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	810	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	624	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	695	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR

Sample Information

Client Sample ID: **SB-7 12'-14'** **York Sample ID:** **13F0125-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:10 pm	06/04/2013

Semi-Volatiles, EPA TCL List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/kg dry	443	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1250	1990	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	866	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	834	1990	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	511	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	439	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	993	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
206-44-0	Fluoranthene	**2020**		ug/kg dry	582	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
86-73-7	Fluorene	ND		ug/kg dry	477	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	586	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	336	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	739	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	284	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	453	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
78-59-1	Isophorone	ND		ug/kg dry	342	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	763	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	377	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	431	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
91-20-3	Naphthalene	ND		ug/kg dry	244	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	987	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	411	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	292	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	373	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	270	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	332	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	449	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	749	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
85-01-8	Phenanthrene	**1230**		ug/kg dry	518	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
108-95-2	Phenol	ND		ug/kg dry	429	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
129-00-0	Pyrene	**2290**		ug/kg dry	405	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	360	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	771	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR

Sample Information

Client Sample ID: **SB-7 12'-14'** **York Sample ID:** **13F0125-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:10 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	505	993	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:26	SR

	Surrogate Recoveries	Result		Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*43.0 %*		*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*30.2 %*		*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*38.6 %*		*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*27.0 %*	*S-06*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*50.6 %*		*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*69.7 %*		*30-130*

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	149	149	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:24	JW
72-43-5	Methoxychlor	ND		ug/kg dry	14.7	14.7	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:24	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:24	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:24	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:24	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:24	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:24	JW
72-20-8	Endrin	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:24	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:24	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:24	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:24	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:24	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:24	JW
57-74-9	Chlordane, total	ND		ug/kg dry	11.8	11.8	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:24	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:24	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:24	JW
309-00-2	Aldrin	ND		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:24	JW
50-29-3	4,4'-DDT	**132**		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:24	JW
72-55-9	4,4'-DDE	**100**		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:24	JW
72-54-8	4,4'-DDD	**188**		ug/kg dry	2.95	2.95	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:24	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	304	304	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:25	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	304	304	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:25	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	304	304	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:25	JW

Sample Information

Client Sample ID: **SB-7 12'-14'** **York Sample ID:** **13F0125-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:10 pm	06/04/2013

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53469-21-9	Aroclor 1242	ND		ug/kg dry	304	304	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:25	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	304	304	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:25	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	304	304	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:25	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	304	304	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:25	JW
1336-36-3	Total PCBs	ND		ug/kg dry	122	304	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:25	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.3 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.9 %*	*30-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**7580**		mg/kg dry	1.22	2.38	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7440-36-0	Antimony	ND		mg/kg dry	0.262	0.596	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7440-38-2	Arsenic	**5.79**		mg/kg dry	0.405	1.19	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7440-39-3	Barium	**463**		mg/kg dry	0.155	0.596	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.119	0.119	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.119	0.596	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7440-70-2	Calcium	**31900**		mg/kg dry	0.048	5.96	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7440-47-3	Chromium	**13.1**		mg/kg dry	0.143	0.596	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7440-48-4	Cobalt	**3.93**		mg/kg dry	0.095	0.596	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7440-50-8	Copper	**21.5**		mg/kg dry	0.143	0.596	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7439-89-6	Iron	**16300**		mg/kg dry	0.775	2.38	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7439-92-1	Lead	**226**		mg/kg dry	0.203	0.358	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7439-95-4	Magnesium	**4320**		mg/kg dry	0.536	5.96	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7439-96-5	Manganese	**210**		mg/kg dry	0.131	1.19	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7440-02-0	Nickel	**15.4**		mg/kg dry	0.155	0.596	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7440-09-7	Potassium	**982**		mg/kg dry	4.03	11.9	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7782-49-2	Selenium	**1.75**		mg/kg dry	0.596	0.596	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7440-22-4	Silver	ND		mg/kg dry	0.119	0.596	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7440-23-5	Sodium	**881**		mg/kg dry	6.28	11.9	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7440-28-0	Thallium	ND		mg/kg dry	0.381	0.596	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7440-62-2	Vanadium	**15.6**		mg/kg dry	0.131	0.596	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW
7440-66-6	Zinc	**290**		mg/kg dry	0.107	0.596	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:33	MW

Sample Information

Client Sample ID: **SB-7 12'-14'** **York Sample ID:** **13F0125-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:10 pm	06/04/2013

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0393	0.0393	1	EPA SW846-7471	06/06/2013 13:03	06/07/2013 11:33	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**83.9**		%	0.100	0.100	1	SM 2540G	06/06/2013 08:22	06/06/2013 13:51	AMC

Sample Information

Client Sample ID: **S-1 0-2'** **York Sample ID:** **13F0125-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:35 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	9.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	9.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.5	9.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	9.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
67-64-1	Acetone	**42**		ug/kg dry	2.5	9.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
71-43-2	Benzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS

Sample Information

Client Sample ID: **S-1 0-2'** **York Sample ID:** **13F0125-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:35 pm	06/04/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
75-25-2	Bromoform	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
67-66-3	Chloroform	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
75-09-2	Methylene chloride	**5.8**	J	ug/kg dry	2.5	9.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.5	9.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.5	9.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
100-42-5	Styrene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
108-88-3	Toluene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.5	15	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 17:35	SS

Sample Information

Client Sample ID: **S-1 0-2'** **York Sample ID:** **13F0125-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:35 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.5 %*		*73-130*							
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.7 %*		*72-127*							
2037-26-5	*Surrogate: Toluene-d8*	*102 %*		*84-117*							

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	335	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	444	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
120-12-7	Anthracene	ND		ug/kg dry	505	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	346	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	366	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
65-85-0	Benzoic acid	ND		ug/kg dry	633	1850	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	776	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	307	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	925	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	925	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	511	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	446	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	624	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	241	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	318	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	472	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	326	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	639	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	500	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	305	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	542	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
218-01-9	Chrysene	ND		ug/kg dry	426	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	372	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	431	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	376	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	605	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR

Sample Information

Client Sample ID: **S-1 0-2'** **York Sample ID:** **13F0125-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:35 pm	06/04/2013

Semi-Volatiles, EPA TCL List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	570	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	292	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	485	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	755	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	581	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	648	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	413	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	807	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1170	1850	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	777	1850	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	476	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	409	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	925	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
206-44-0	Fluoranthene	ND		ug/kg dry	542	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
86-73-7	Fluorene	ND		ug/kg dry	444	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	546	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	313	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	689	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	265	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	422	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
78-59-1	Isophorone	ND		ug/kg dry	318	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	711	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	352	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	402	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
91-20-3	Naphthalene	ND		ug/kg dry	228	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	920	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	383	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	272	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	348	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	252	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	309	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	418	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR

Sample Information

Client Sample ID: **S-1 0-2'** **York Sample ID:** **13F0125-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:35 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		ug/kg dry	698	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
85-01-8	Phenanthrene	ND		ug/kg dry	483	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
108-95-2	Phenol	ND		ug/kg dry	400	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
129-00-0	Pyrene	**381**	J	ug/kg dry	378	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	335	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	718	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	470	925	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 17:57	SR

	Surrogate Recoveries	Result		Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*8.58 %*	*S-06*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*54.1 %*		*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*2.74 %*	*S-06*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*44.5 %*		*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*36.3 %*		*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*82.8 %*		*30-130*

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	139	139	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:39	JW
72-43-5	Methoxychlor	ND		ug/kg dry	13.7	13.7	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:39	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:39	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:39	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:39	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:39	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:39	JW
72-20-8	Endrin	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:39	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:39	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:39	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:39	JW
60-57-1	Dieldrin	**3.48**		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:39	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:39	JW
57-74-9	Chlordane, total	ND		ug/kg dry	11.0	11.0	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:39	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:39	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:39	JW
309-00-2	Aldrin	ND		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:39	JW

Sample Information

Client Sample ID: **S-1 0-2'** **York Sample ID:** **13F0125-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:35 pm	06/04/2013

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	**70.0**		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:39	JW
72-55-9	4,4'-DDE	**30.3**		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:39	JW
72-54-8	4,4'-DDD	**4.17**		ug/kg dry	2.75	2.75	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:39	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	283	283	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:45	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	283	283	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:45	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	283	283	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:45	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	283	283	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:45	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	283	283	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:45	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	283	283	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:45	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	283	283	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:45	JW
1336-36-3	Total PCBs	ND		ug/kg dry	113	283	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 20:45	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.4 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*84.3 %*	*30-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**6530**		mg/kg dry	1.13	2.22	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW
7440-36-0	Antimony	ND		mg/kg dry	0.244	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW
7440-38-2	Arsenic	**3.56**		mg/kg dry	0.378	1.11	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW
7440-39-3	Barium	**306**		mg/kg dry	0.144	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.111	0.111	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.111	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW
7440-70-2	Calcium	**55100**		mg/kg dry	0.044	5.55	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW
7440-47-3	Chromium	**10.9**		mg/kg dry	0.133	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW
7440-48-4	Cobalt	**4.79**		mg/kg dry	0.089	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW
7440-50-8	Copper	**11.4**		mg/kg dry	0.133	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW
7439-89-6	Iron	**10900**		mg/kg dry	0.722	2.22	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW
7439-92-1	Lead	**38.1**		mg/kg dry	0.189	0.333	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW
7439-95-4	Magnesium	**10100**		mg/kg dry	0.500	5.55	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW
7439-96-5	Manganese	**498**		mg/kg dry	0.122	1.11	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW
7440-02-0	Nickel	**16.4**		mg/kg dry	0.144	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW
7440-09-7	Potassium	**1340**		mg/kg dry	3.75	11.1	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW
7782-49-2	Selenium	**0.751**		mg/kg dry	0.555	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW

Sample Information

Client Sample ID: **S-1 0-2'** **York Sample ID:** **13F0125-15**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:35 pm	06/04/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-22-4	Silver	ND		mg/kg dry	0.111	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW
7440-23-5	Sodium	**242**		mg/kg dry	5.85	11.1	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW
7440-28-0	Thallium	ND		mg/kg dry	0.355	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW
7440-62-2	Vanadium	**16.6**		mg/kg dry	0.122	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW
7440-66-6	Zinc	**176**		mg/kg dry	0.100	0.555	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:37	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0366	0.0366	1	EPA SW846-7471	06/06/2013 13:03	06/07/2013 11:33	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**90.0**		%	0.100	0.100	1	SM 2540G	06/06/2013 08:22	06/06/2013 13:51	AMC

Sample Information

Client Sample ID: **S-2 0-2'** **York Sample ID:** **13F0125-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:45 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	10	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	10	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS

Sample Information

Client Sample ID: **S-2 0-2'** **York Sample ID:** **13F0125-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:45 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.6	10	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	10	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
67-64-1	Acetone	**29**		ug/kg dry	2.6	10	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
71-43-2	Benzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
75-09-2	Methylene chloride	ND		ug/kg dry	2.6	10	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.6	10	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.6	10	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
100-42-5	Styrene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS

Sample Information

Client Sample ID: **S-2 0-2'** **York Sample ID:** **13F0125-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:45 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.2	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.6	16	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:10	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*100 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.7 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*95.1 %*	*84-117*

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	331	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	439	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
120-12-7	Anthracene	ND		ug/kg dry	499	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
56-55-3	Benzo(a)anthracene	**387**	J	ug/kg dry	342	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
50-32-8	Benzo(a)pyrene	**439**	J	ug/kg dry	362	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
65-85-0	Benzoic acid	ND		ug/kg dry	625	1830	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	766	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	303	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	914	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	914	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	504	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	440	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	616	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	238	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	314	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	466	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	322	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	631	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	493	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR

Sample Information

Client Sample ID: **S-2 0-2'** **York Sample ID:** **13F0125-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:45 pm	06/04/2013

Semi-Volatiles, EPA TCL List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-57-8	2-Chlorophenol	ND		ug/kg dry	302	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	535	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
218-01-9	Chrysene	**437**	J	ug/kg dry	420	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	367	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	426	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	371	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	598	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	563	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	289	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	479	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	746	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	574	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	640	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	408	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	797	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1150	1830	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	768	1830	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	470	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	404	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	914	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
206-44-0	Fluoranthene	**797**	J	ug/kg dry	535	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
86-73-7	Fluorene	ND		ug/kg dry	439	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	539	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	309	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	680	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	261	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	417	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
78-59-1	Isophorone	ND		ug/kg dry	314	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	702	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	347	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	397	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
91-20-3	Naphthalene	ND		ug/kg dry	225	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR

Sample Information

Client Sample ID: **S-2 0-2'** **York Sample ID:** **13F0125-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:45 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
99-09-2	3-Nitroaniline	ND		ug/kg dry	908	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	378	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	269	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	344	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	249	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	305	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	413	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	689	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
85-01-8	Phenanthrene	ND		ug/kg dry	477	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
108-95-2	Phenol	ND		ug/kg dry	395	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
129-00-0	Pyrene	**932**		ug/kg dry	373	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	331	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	709	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	464	914	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:28	SR

	Surrogate Recoveries	Result	Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*33.3 %*	*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*54.9 %*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*48.0 %*	*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*36.0 %*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*60.2 %*	*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*73.6 %*	*30-130*

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	137	137	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:54	JW
72-43-5	Methoxychlor	ND		ug/kg dry	13.6	13.6	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:54	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.71	2.71	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:54	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.71	2.71	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:54	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.71	2.71	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:54	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.71	2.71	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:54	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.71	2.71	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:54	JW
72-20-8	Endrin	ND		ug/kg dry	2.71	2.71	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:54	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.71	2.71	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:54	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.71	2.71	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:54	JW

Sample Information

Client Sample ID: **S-2 0-2'** **York Sample ID:** **13F0125-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:45 pm	06/04/2013

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND		ug/kg dry	2.71	2.71	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:54	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.71	2.71	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:54	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.71	2.71	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:54	JW
57-74-9	Chlordane, total	ND		ug/kg dry	10.9	10.9	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:54	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.71	2.71	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:54	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.71	2.71	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:54	JW
309-00-2	Aldrin	ND		ug/kg dry	2.71	2.71	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:54	JW
50-29-3	4,4'-DDT	**8.38**		ug/kg dry	2.71	2.71	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:54	JW
72-55-9	4,4'-DDE	**12.3**		ug/kg dry	2.71	2.71	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:54	JW
72-54-8	4,4'-DDD	ND		ug/kg dry	2.71	2.71	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 14:54	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	280	280	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:05	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	280	280	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:05	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	280	280	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:05	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	280	280	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:05	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	280	280	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:05	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	280	280	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:05	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	280	280	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:05	JW
1336-36-3	Total PCBs	ND		ug/kg dry	112	280	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:05	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*64.4 %*	*30-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**5920**		mg/kg dry	1.12	2.19	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW
7440-36-0	Antimony	**0.809**		mg/kg dry	0.241	0.548	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW
7440-38-2	Arsenic	**3.96**		mg/kg dry	0.373	1.10	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW
7440-39-3	Barium	**62.2**		mg/kg dry	0.143	0.548	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.110	0.110	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.110	0.548	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW
7440-70-2	Calcium	**94700**		mg/kg dry	0.044	5.48	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW
7440-47-3	Chromium	**15.6**		mg/kg dry	0.132	0.548	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW
7440-48-4	Cobalt	**4.27**		mg/kg dry	0.088	0.548	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW

Sample Information

Client Sample ID: **S-2 0-2'** **York Sample ID:** **13F0125-16**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 2:45 pm	06/04/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	Copper	**27.2**		mg/kg dry	0.132	0.548	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW
7439-89-6	Iron	**8910**		mg/kg dry	0.713	2.19	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW
7439-92-1	Lead	**45.2**		mg/kg dry	0.186	0.329	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW
7439-95-4	Magnesium	**16300**		mg/kg dry	0.493	5.48	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW
7439-96-5	Manganese	**196**		mg/kg dry	0.121	1.10	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW
7440-02-0	Nickel	**15.7**		mg/kg dry	0.143	0.548	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW
7440-09-7	Potassium	**870**		mg/kg dry	3.71	11.0	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW
7782-49-2	Selenium	ND		mg/kg dry	0.548	0.548	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW
7440-22-4	Silver	**8.57**		mg/kg dry	0.110	0.548	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW
7440-23-5	Sodium	**306**		mg/kg dry	5.78	11.0	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW
7440-28-0	Thallium	ND		mg/kg dry	0.351	0.548	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW
7440-62-2	Vanadium	**17.0**		mg/kg dry	0.121	0.548	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW
7440-66-6	Zinc	**57.9**		mg/kg dry	0.099	0.548	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 03:54	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0362	0.0362	1	EPA SW846-7471	06/06/2013 13:03	06/07/2013 11:33	AA

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**91.2**		%	0.100	0.100	1	SM 2540G	06/06/2013 08:22	06/06/2013 13:51	AMC

Sample Information

Client Sample ID: **DUP (Soil)** **York Sample ID:** **13F0125-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:05 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS

Sample Information

Client Sample ID: **DUP (Soil)** **York Sample ID:** **13F0125-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:05 pm	06/04/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.4	9.7	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.4	9.7	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
78-93-3	2-Butanone	ND		ug/kg dry	2.4	9.7	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
591-78-6	2-Hexanone	ND		ug/kg dry	2.4	9.7	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
67-64-1	Acetone	**13**		ug/kg dry	2.4	9.7	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
71-43-2	Benzene	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
75-25-2	Bromoform	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
74-83-9	Bromomethane	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
75-15-0	Carbon disulfide	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
108-90-7	Chlorobenzene	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
75-00-3	Chloroethane	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
67-66-3	Chloroform	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
74-87-3	Chloromethane	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
75-09-2	Methylene chloride	**3.3**	J	ug/kg dry	2.4	9.7	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
91-20-3	Naphthalene	ND		ug/kg dry	2.4	9.7	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS

Sample Information

Client Sample ID: **DUP (Soil)** **York Sample ID:** **13F0125-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:05 pm	06/04/2013

Volatile Organics, TCL (Target Compound List)

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
95-47-6	o-Xylene	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	2.4	9.7	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
100-42-5	Styrene	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
108-88-3	Toluene	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
79-01-6	Trichloroethylene	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.4	4.9	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS
1330-20-7	Xylenes, Total	ND		ug/kg dry	2.4	15	1	EPA SW846-8260B	06/06/2013 08:32	06/06/2013 18:46	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.6 %*	*73-130*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*72-127*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*84-117*

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	339	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
208-96-8	Acenaphthylene	ND		ug/kg dry	449	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
120-12-7	Anthracene	**822**	J	ug/kg dry	511	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
56-55-3	Benzo(a)anthracene	**2840**		ug/kg dry	350	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
50-32-8	Benzo(a)pyrene	**2790**		ug/kg dry	371	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
65-85-0	Benzoic acid	ND		ug/kg dry	640	1870	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
205-99-2	Benzo(b)fluoranthene	**2160**		ug/kg dry	784	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
191-24-2	Benzo(g,h,i)perylene	**348**	J	ug/kg dry	311	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
100-51-6	Benzyl alcohol	ND		ug/kg dry	936	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
207-08-9	Benzo(k)fluoranthene	**2640**		ug/kg dry	936	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	517	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR

Sample Information

Client Sample ID: **DUP (Soil)** **York Sample ID:** **13F0125-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:05 pm	06/04/2013

Semi-Volatiles, EPA TCL List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	451	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	631	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
106-47-8	4-Chloroaniline	ND		ug/kg dry	243	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	322	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	477	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	329	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	646	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	505	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
95-57-8	2-Chlorophenol	ND		ug/kg dry	309	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	548	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
218-01-9	Chrysene	**2830**		ug/kg dry	431	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	376	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
132-64-9	Dibenzofuran	ND		ug/kg dry	436	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	380	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	612	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	577	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	296	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
91-94-1	3,3'-Dichlorobenzidine	ND		ug/kg dry	490	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	764	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
84-66-2	Diethyl phthalate	ND		ug/kg dry	588	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	655	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
131-11-3	Dimethyl phthalate	ND		ug/kg dry	417	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
88-74-4	2-Nitroaniline	ND		ug/kg dry	816	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	1180	1870	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	786	1870	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	481	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	414	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	936	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
206-44-0	Fluoranthene	**4920**		ug/kg dry	548	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
86-73-7	Fluorene	ND		ug/kg dry	449	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
118-74-1	Hexachlorobenzene	ND		ug/kg dry	552	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	316	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR

Sample Information

Client Sample ID: **DUP (Soil)** **York Sample ID:** **13F0125-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:05 pm	06/04/2013

Semi-Volatiles, EPA TCL List

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

Sample Prepared by Method: EPA 3550B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	696	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
67-72-1	Hexachloroethane	ND		ug/kg dry	268	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
193-39-5	Indeno(1,2,3-cd)pyrene	**490**	J	ug/kg dry	427	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
78-59-1	Isophorone	ND		ug/kg dry	322	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	719	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
95-48-7	2-Methylphenol	ND		ug/kg dry	356	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	406	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
91-20-3	Naphthalene	ND		ug/kg dry	230	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
99-09-2	3-Nitroaniline	ND		ug/kg dry	930	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
100-01-6	4-Nitroaniline	ND		ug/kg dry	387	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
98-95-3	Nitrobenzene	ND		ug/kg dry	275	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
100-02-7	4-Nitrophenol	ND		ug/kg dry	352	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
88-75-5	2-Nitrophenol	ND		ug/kg dry	255	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	313	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	423	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
87-86-5	Pentachlorophenol	ND		ug/kg dry	706	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
85-01-8	Phenanthrene	**3300**		ug/kg dry	489	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
108-95-2	Phenol	ND		ug/kg dry	404	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
129-00-0	Pyrene	**5940**		ug/kg dry	382	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	339	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	726	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	475	936	5	EPA SW846-8270C	06/07/2013 06:28	06/10/2013 18:59	SR

	Surrogate Recoveries	Result		Acceptance Range
5175-83-7	*Surrogate: 2,4,6-Tribromophenol*	*43.0 %*		*15-110*
321-60-8	*Surrogate: 2-Fluorobiphenyl*	*27.0 %*	*S-06*	*30-130*
367-12-4	*Surrogate: 2-Fluorophenol*	*37.3 %*		*15-110*
4165-60-0	*Surrogate: Nitrobenzene-d5*	*20.2 %*	*S-06*	*30-130*
4165-62-2	*Surrogate: Phenol-d5*	*43.8 %*		*15-110*
1718-51-0	*Surrogate: Terphenyl-d14*	*47.7 %*		*30-130*

Sample Information

Client Sample ID: **DUP (Soil)** **York Sample ID:** **13F0125-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:05 pm	06/04/2013

Pesticides/PCBs, EPA TCL List

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

Sample Prepared by Method: EPA 3545A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/kg dry	141	141	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 15:09	JW
72-43-5	Methoxychlor	ND		ug/kg dry	13.9	13.9	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 15:09	JW
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.78	2.78	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 15:09	JW
76-44-8	Heptachlor	ND		ug/kg dry	2.78	2.78	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 15:09	JW
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.78	2.78	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 15:09	JW
53494-70-5	Endrin ketone	ND		ug/kg dry	2.78	2.78	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 15:09	JW
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.78	2.78	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 15:09	JW
72-20-8	Endrin	ND		ug/kg dry	2.78	2.78	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 15:09	JW
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.78	2.78	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 15:09	JW
33213-65-9	Endosulfan II	ND		ug/kg dry	2.78	2.78	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 15:09	JW
959-98-8	Endosulfan I	ND		ug/kg dry	2.78	2.78	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 15:09	JW
60-57-1	Dieldrin	ND		ug/kg dry	2.78	2.78	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 15:09	JW
319-86-8	delta-BHC	ND		ug/kg dry	2.78	2.78	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 15:09	JW
57-74-9	Chlordane, total	ND		ug/kg dry	11.1	11.1	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 15:09	JW
319-85-7	beta-BHC	ND		ug/kg dry	2.78	2.78	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 15:09	JW
319-84-6	alpha-BHC	ND		ug/kg dry	2.78	2.78	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 15:09	JW
309-00-2	Aldrin	ND		ug/kg dry	2.78	2.78	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 15:09	JW
50-29-3	4,4'-DDT	**101**		ug/kg dry	2.78	2.78	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 15:09	JW
72-55-9	4,4'-DDE	**53.5**		ug/kg dry	2.78	2.78	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 15:09	JW
72-54-8	4,4'-DDD	**64.1**		ug/kg dry	2.78	2.78	5	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 15:09	JW
11096-82-5	Aroclor 1260	ND		ug/kg dry	286	286	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:24	JW
11097-69-1	Aroclor 1254	ND		ug/kg dry	286	286	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:24	JW
12672-29-6	Aroclor 1248	ND		ug/kg dry	286	286	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:24	JW
53469-21-9	Aroclor 1242	ND		ug/kg dry	286	286	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:24	JW
11141-16-5	Aroclor 1232	ND		ug/kg dry	286	286	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:24	JW
11104-28-2	Aroclor 1221	ND		ug/kg dry	286	286	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:24	JW
12674-11-2	Aroclor 1016	ND		ug/kg dry	286	286	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:24	JW
1336-36-3	Total PCBs	ND		ug/kg dry	115	286	10	EPA SW 846-8081/8082	06/06/2013 13:56	06/11/2013 21:24	JW

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.8 %*	*30-150*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*95.7 %*	*30-150*

Sample Information

Client Sample ID: **DUP (Soil)** **York Sample ID:** **13F0125-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:05 pm	06/04/2013

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	**5210**		mg/kg dry	1.15	2.25	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7440-36-0	Antimony	ND		mg/kg dry	0.247	0.562	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7440-38-2	Arsenic	**4.60**		mg/kg dry	0.382	1.12	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7440-39-3	Barium	**456**		mg/kg dry	0.146	0.562	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7440-41-7	Beryllium	ND		mg/kg dry	0.112	0.112	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7440-43-9	Cadmium	ND		mg/kg dry	0.112	0.562	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7440-70-2	Calcium	**22000**		mg/kg dry	0.045	5.62	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7440-47-3	Chromium	**14.1**		mg/kg dry	0.135	0.562	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7440-48-4	Cobalt	**4.52**		mg/kg dry	0.090	0.562	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7440-50-8	Copper	**26.8**		mg/kg dry	0.135	0.562	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7439-89-6	Iron	**12900**		mg/kg dry	0.730	2.25	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7439-92-1	Lead	**282**		mg/kg dry	0.191	0.337	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7439-95-4	Magnesium	**2340**		mg/kg dry	0.505	5.62	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7439-96-5	Manganese	**266**		mg/kg dry	0.124	1.12	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7440-02-0	Nickel	**12.5**		mg/kg dry	0.146	0.562	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7440-09-7	Potassium	**647**		mg/kg dry	3.80	11.2	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7782-49-2	Selenium	**1.91**		mg/kg dry	0.562	0.562	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7440-22-4	Silver	ND		mg/kg dry	0.112	0.562	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7440-23-5	Sodium	**206**		mg/kg dry	5.92	11.2	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7440-28-0	Thallium	ND		mg/kg dry	0.359	0.562	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7440-62-2	Vanadium	**24.7**		mg/kg dry	0.124	0.562	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW
7440-66-6	Zinc	**269**		mg/kg dry	0.101	0.562	1	EPA SW846-6010B	06/05/2013 16:56	06/06/2013 04:01	MW

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7471

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0371	0.0371	1	EPA SW846-7471	06/06/2013 13:03	06/07/2013 11:33	AA

Sample Information

Client Sample ID: **DUP (Soil)** **York Sample ID:** **13F0125-17**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Soil	June 3, 2013 3:05 pm	06/04/2013

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	% Solids	**89.0**		%	0.100	0.100	1	SM 2540G	06/06/2013 08:22	06/06/2013 13:51	AMC

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **13F0125-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Water	June 3, 2013 3:05 pm	06/04/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
76-13-1	,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113	ND		ug/L	0.34	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.3	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
75-34-3	1,1-Dichloroethane	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.91	10	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.98	10	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
106-93-4	1,2-Dibromoethane	ND		ug/L	0.44	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
107-06-2	1,2-Dichloroethane	ND		ug/L	0.36	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
78-87-5	1,2-Dichloropropane	ND		ug/L	0.23	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.48	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
78-93-3	2-Butanone	ND		ug/L	1.5	10	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
591-78-6	2-Hexanone	ND		ug/L	1.1	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.86	10	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
67-64-1	Acetone	ND		ug/L	6.1	10	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
71-43-2	Benzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
75-27-4	Bromodichloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
75-25-2	Bromoform	ND		ug/L	0.58	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
75-15-0	Carbon disulfide	ND		ug/L	0.51	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
56-23-5	Carbon tetrachloride	ND		ug/L	0.56	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK

Sample Information

Client Sample ID: **Trip Blank** **York Sample ID:** **13F0125-18**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
13F0125	15.38242.0024	Water	June 3, 2013 3:05 pm	06/04/2013

Volatile Organics, TCL (Target Compound List) **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-90-7	Chlorobenzene	ND		ug/L	0.38	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
75-00-3	Chloroethane	ND		ug/L	2.8	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
67-66-3	Chloroform	ND		ug/L	0.42	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
74-87-3	Chloromethane	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.43	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
124-48-1	Dibromochloromethane	ND		ug/L	0.39	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.35	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
100-41-4	Ethyl Benzene	ND		ug/L	0.25	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
98-82-8	Isopropylbenzene	ND		ug/L	0.63	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.53	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
75-09-2	Methylene chloride	**3.5**	B, J	ug/L	2.4	10	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
91-20-3	Naphthalene	ND		ug/L	1.2	10	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
104-51-8	n-Butylbenzene	ND		ug/L	0.30	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
103-65-1	n-Propylbenzene	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
95-47-6	o-Xylene	ND		ug/L	0.21	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
179601-23-1	p- & m- Xylenes	ND		ug/L	0.53	10	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
135-98-8	sec-Butylbenzene	ND		ug/L	0.59	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
100-42-5	Styrene	ND		ug/L	0.22	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
98-06-6	tert-Butylbenzene	ND		ug/L	1.4	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
127-18-4	Tetrachloroethylene	ND		ug/L	0.41	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
108-88-3	Toluene	ND		ug/L	0.17	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.52	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.67	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
79-01-6	Trichloroethylene	ND		ug/L	0.16	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
75-69-4	Trichlorofluoromethane	ND		ug/L	0.54	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
75-01-4	Vinyl Chloride	ND		ug/L	0.68	5.0	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK
1330-20-7	Xylenes, Total	ND		ug/L	0.55	15	1	EPA SW846-8260B/EPA 624	06/06/2013 10:58	06/06/2013 12:32	BK

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.5 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.5 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.3 %*	*81.2-127*

Analytical Batch Summary

Batch ID: BF30209 **Preparation Method:** EPA 5035A **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13F0125-01	SB-1 0-2'	06/05/13
13F0125-02	SB-1 12'-14'	06/05/13
13F0125-03	SB-2 0-2'	06/05/13
13F0125-04	SB-2 12'-14'	06/05/13
13F0125-05	SB-3 0-2'	06/05/13
13F0125-06	SB-3 12'-14'	06/05/13
BF30209-BLK1	Blank	06/05/13
BF30209-BS1	LCS	06/05/13
BF30209-BSD1	LCS Dup	06/05/13
BF30209-MS1	Matrix Spike	06/05/13

Batch ID: BF30214 **Preparation Method:** EPA 3050B **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
13F0125-01	SB-1 0-2'	06/05/13
13F0125-02	SB-1 12'-14'	06/05/13
13F0125-03	SB-2 0-2'	06/05/13
13F0125-04	SB-2 12'-14'	06/05/13
13F0125-05	SB-3 0-2'	06/05/13
13F0125-06	SB-3 12'-14'	06/05/13
13F0125-07	SB-4 0-2'	06/05/13
13F0125-08	SB-4 12'-14'	06/05/13
13F0125-09	SB-5 0-2'	06/05/13
13F0125-10	SB-5 12'-14'	06/05/13
13F0125-11	SB-6 0-2'	06/05/13
13F0125-12	SB-6 12'-14'	06/05/13
13F0125-13	SB-7 0-2'	06/05/13
13F0125-14	SB-7 12'-14'	06/05/13
13F0125-15	S-1 0-2'	06/05/13
13F0125-16	S-2 0-2'	06/05/13
13F0125-17	DUP (Soil)	06/05/13
BF30214-BLK1	Blank	06/05/13
BF30214-DUP1	Duplicate	06/05/13
BF30214-MS1	Matrix Spike	06/05/13
BF30214-SRM1	Reference	06/05/13

Batch ID: BF30228 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
13F0125-01	SB-1 0-2'	06/06/13
13F0125-02	SB-1 12'-14'	06/06/13
13F0125-03	SB-2 0-2'	06/06/13
13F0125-04	SB-2 12'-14'	06/06/13
13F0125-05	SB-3 0-2'	06/06/13
13F0125-06	SB-3 12'-14'	06/06/13
13F0125-07	SB-4 0-2'	06/06/13

13F0125-08	SB-4 12'-14'	06/06/13
13F0125-09	SB-5 0-2'	06/06/13
13F0125-10	SB-5 12'-14'	06/06/13
13F0125-11	SB-6 0-2'	06/06/13
13F0125-12	SB-6 12'-14'	06/06/13
13F0125-13	SB-7 0-2'	06/06/13
13F0125-14	SB-7 12'-14'	06/06/13
13F0125-15	S-1 0-2'	06/06/13
13F0125-16	S-2 0-2'	06/06/13
13F0125-17	DUP (Soil)	06/06/13

Batch ID: BF30238 **Preparation Method:** EPA 5035A **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13F0125-07	SB-4 0-2'	06/05/13
13F0125-08	SB-4 12'-14'	06/05/13
13F0125-09	SB-5 0-2'	06/05/13
13F0125-10	SB-5 12'-14'	06/05/13
13F0125-11	SB-6 0-2'	06/05/13
13F0125-12	SB-6 12'-14'	06/05/13
13F0125-13	SB-7 0-2'	06/05/13
13F0125-14	SB-7 12'-14'	06/05/13
13F0125-15	S-1 0-2'	06/06/13
13F0125-16	S-2 0-2'	06/06/13
13F0125-17	DUP (Soil)	06/06/13
BF30238-BLK1	Blank	06/06/13
BF30238-BS1	LCS	06/06/13
BF30238-BSD1	LCS Dup	06/06/13

Batch ID: BF30243 **Preparation Method:** EPA SW846-7471 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13F0125-01	SB-1 0-2'	06/06/13
13F0125-02	SB-1 12'-14'	06/06/13
13F0125-03	SB-2 0-2'	06/06/13
13F0125-04	SB-2 12'-14'	06/06/13
13F0125-05	SB-3 0-2'	06/06/13
13F0125-06	SB-3 12'-14'	06/06/13
13F0125-07	SB-4 0-2'	06/06/13
13F0125-08	SB-4 12'-14'	06/06/13
13F0125-09	SB-5 0-2'	06/06/13
BF30243-BLK1	Blank	06/06/13
BF30243-BS1	LCS	06/06/13

Batch ID: BF30264 **Preparation Method:** EPA SW846-7471 **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
13F0125-10	SB-5 12'-14'	06/06/13
13F0125-11	SB-6 0-2'	06/06/13
13F0125-12	SB-6 12'-14'	06/06/13
13F0125-13	SB-7 0-2'	06/06/13

13F0125-14	SB-7 12'-14'	06/06/13
13F0125-15	S-1 0-2'	06/06/13
13F0125-16	S-2 0-2'	06/06/13
13F0125-17	DUP (Soil)	06/06/13
BF30264-BLK1	Blank	06/06/13
BF30264-BS1	LCS	06/06/13

Batch ID: BF30269 **Preparation Method:** EPA 3545A **Prepared By:** SA

YORK Sample ID	Client Sample ID	Preparation Date
13F0125-01	SB-1 0-2'	06/06/13
13F0125-02	SB-1 12'-14'	06/06/13
13F0125-03	SB-2 0-2'	06/06/13
13F0125-04	SB-2 12'-14'	06/06/13
13F0125-05	SB-3 0-2'	06/06/13
13F0125-06	SB-3 12'-14'	06/06/13
13F0125-07	SB-4 0-2'	06/06/13
13F0125-08	SB-4 12'-14'	06/06/13
13F0125-09	SB-5 0-2'	06/06/13
13F0125-10	SB-5 12'-14'	06/06/13
13F0125-11	SB-6 0-2'	06/06/13
13F0125-12	SB-6 12'-14'	06/06/13
13F0125-13	SB-7 0-2'	06/06/13
13F0125-14	SB-7 12'-14'	06/06/13
13F0125-15	S-1 0-2'	06/06/13
13F0125-16	S-2 0-2'	06/06/13
13F0125-17	DUP (Soil)	06/06/13
BF30269-BLK1	Blank	06/06/13
BF30269-BS1	LCS	06/06/13
BF30269-BS2	LCS	06/06/13
BF30269-BSD1	LCS Dup	06/06/13

Batch ID: BF30293 **Preparation Method:** EPA 3550B **Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
13F0125-01	SB-1 0-2'	06/07/13
13F0125-02	SB-1 12'-14'	06/07/13
13F0125-03	SB-2 0-2'	06/07/13
13F0125-04	SB-2 12'-14'	06/07/13
13F0125-05	SB-3 0-2'	06/07/13
13F0125-06	SB-3 12'-14'	06/07/13
13F0125-07	SB-4 0-2'	06/07/13
13F0125-08	SB-4 12'-14'	06/07/13
13F0125-09	SB-5 0-2'	06/07/13
13F0125-10	SB-5 12'-14'	06/07/13
13F0125-11	SB-6 0-2'	06/07/13
13F0125-12	SB-6 12'-14'	06/07/13
13F0125-13	SB-7 0-2'	06/07/13
13F0125-14	SB-7 12'-14'	06/07/13
13F0125-15	S-1 0-2'	06/07/13
13F0125-16	S-2 0-2'	06/07/13
13F0125-17	DUP (Soil)	06/07/13

BF30293-BLK1	Blank	06/07/13
BF30293-BS1	LCS	06/07/13
BF30293-BSD1	LCS Dup	06/07/13
BF30293-MS1	Matrix Spike	06/07/13

Batch ID: BF30304 **Preparation Method:** EPA 5035A **Prepared By:** EKM

YORK Sample ID	Client Sample ID	Preparation Date
13F0125-09RE1	SB-5 0-2'	06/07/13
BF30304-BLK1	Blank	06/07/13
BF30304-BS1	LCS	06/07/13
BF30304-BSD1	LCS Dup	06/07/13

Batch ID: BF30323 **Preparation Method:** EPA 5030B **Prepared By:** KH

YORK Sample ID	Client Sample ID	Preparation Date
13F0125-18	Trip Blank	06/06/13
BF30323-BLK1	Blank	06/06/13
BF30323-BS1	LCS	06/06/13
BF30323-BSD1	LCS Dup	06/06/13

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30209 - EPA 5035A											
Blank (BF30209-BLK1)								Prepared & Analyzed: 06/05/2013			
1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
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	"								
1,2,4-Trichlorobenzene	ND	10	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	10	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
2-Butanone	ND	10	"								
2-Hexanone	ND	10	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	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	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	4.0	10	"								
Naphthalene	2.8	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
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	"								
Surrogate: 1,2-Dichloroethane-d4	*49.3*		*ug/L*	*50.0*		*98.5*	*73-130*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30209 - EPA 5035A											
Blank (BF30209-BLK1)							Prepared & Analyzed: 06/05/2013				
Surrogate: p-Bromofluorobenzene	*49.6*		*ug/L*	*50.0*		*99.1*	*72-127*				
Surrogate: Toluene-d8	*48.8*		*"*	*50.0*		*97.5*	*84-117*				
LCS (BF30209-BS1)							Prepared & Analyzed: 06/05/2013				
1,1,1-Trichloroethane	50		ug/L	50.0		99.3	77-131				
1,1,2,2-Tetrachloroethane	53		"	50.0		106	68-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	60		"	50.0		119	75-143				
1,1,2-Trichloroethane	53		"	50.0		106	72-128				
1,1-Dichloroethane	35		"	50.0		69.7	78-133	Low Bias			
1,1-Dichloroethylene	55		"	50.0		110	71-142				
1,2,4-Trichlorobenzene	53		"	50.0		106	59-133				
1,2,4-Trimethylbenzene	50		"	50.0		100	68-128				
1,2-Dibromo-3-chloropropane	54		"	50.0		108	58-145				
1,2-Dibromoethane	52		"	50.0		105	73-128				
1,2-Dichloroethane	53		"	50.0		106	78-131				
1,2-Dichloropropane	53		"	50.0		107	72-129				
1,3,5-Trimethylbenzene	51		"	50.0		102	67-125				
2-Butanone	55		"	50.0		111	49-138				
2-Hexanone	53		"	50.0		106	52-137				
4-Methyl-2-pentanone	55		"	50.0		109	56-130				
Acetone	43		"	50.0		85.8	21-131				
Benzene	53		"	50.0		106	81-125				
Bromodichloromethane	52		"	50.0		104	73-131				
Bromoform	54		"	50.0		107	66-137				
Bromomethane	45		"	50.0		90.0	55-144				
Carbon disulfide	100		"	100		99.8	59-145				
Carbon tetrachloride	51		"	50.0		102	74-137				
Chlorobenzene	52		"	50.0		103	75-127				
Chloroethane	52		"	50.0		104	65-138				
Chloroform	48		"	50.0		96.0	82-128				
Chloromethane	50		"	50.0		100	51-138				
cis-1,2-Dichloroethylene	46		"	50.0		91.8	77-130				
cis-1,3-Dichloropropylene	53		"	50.0		105	68-123				
Dibromochloromethane	54		"	50.0		108	73-136				
Dichlorodifluoromethane	48		"	50.0		95.2	10-183				
Ethyl Benzene	53		"	50.0		106	75-130				
Methyl tert-butyl ether (MTBE)	45		"	50.0		90.5	76-136				
Methylene chloride	48		"	50.0		95.1	55-143				
Naphthalene	58		"	50.0		117	65-140				
n-Butylbenzene	51		"	50.0		101	63-123				
n-Propylbenzene	52		"	50.0		103	65-127				
o-Xylene	51		"	50.0		101	71-123				
p- & m- Xylenes	100		"	100		104	72-127				
sec-Butylbenzene	52		"	50.0		105	69-125				
Styrene	54		"	50.0		108	74-127				
tert-Butylbenzene	51		"	50.0		102	59-164				
Tetrachloroethylene	54		"	50.0		108	65-151				
Toluene	51		"	50.0		102	72-127				
trans-1,2-Dichloroethylene	43		"	50.0		85.1	73-137				
trans-1,3-Dichloropropylene	52		"	50.0		103	67-131				
Trichloroethylene	50		"	50.0		101	73-129				
Trichlorofluoromethane	54		"	50.0		109	69-136				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30209 - EPA 5035A											
LCS (BF30209-BS1)							Prepared & Analyzed: 06/05/2013				
Vinyl Chloride	50		ug/L	50.0		99.7	58-132				
Surrogate: 1,2-Dichloroethane-d4	*50.6*		*"*	*50.0*		*101*	*73-130*				
Surrogate: p-Bromofluorobenzene	*49.5*		*"*	*50.0*		*99.0*	*72-127*				
Surrogate: Toluene-d8	*49.4*		*"*	*50.0*		*98.9*	*84-117*				
LCS Dup (BF30209-BSD1)							Prepared & Analyzed: 06/05/2013				
1,1,1-Trichloroethane	48		ug/L	50.0		95.9	77-131		3.42	30	
1,1,2,2-Tetrachloroethane	50		"	50.0		100	68-129		6.04	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57		"	50.0		114	75-143		4.18	30	
1,1,2-Trichloroethane	49		"	50.0		97.4	72-128		8.18	30	
1,1-Dichloroethane	33		"	50.0		65.9	78-133	Low Bias	5.49	30	
1,1-Dichloroethylene	52		"	50.0		105	71-142		4.62	30	
1,2,4-Trichlorobenzene	48		"	50.0		95.2	59-133		10.8	30	
1,2,4-Trimethylbenzene	49		"	50.0		97.6	68-128		2.63	30	
1,2-Dibromo-3-chloropropane	51		"	50.0		101	58-145		5.95	30	
1,2-Dibromoethane	49		"	50.0		98.7	73-128		6.19	30	
1,2-Dichloroethane	51		"	50.0		102	78-131		3.43	30	
1,2-Dichloropropane	48		"	50.0		95.7	72-129		10.8	30	
1,3,5-Trimethylbenzene	49		"	50.0		98.4	67-125		3.43	30	
2-Butanone	52		"	50.0		103	49-138		6.74	30	
2-Hexanone	49		"	50.0		97.1	52-137		9.01	30	
4-Methyl-2-pentanone	49		"	50.0		98.9	56-130		9.88	30	
Acetone	41		"	50.0		81.3	21-131		5.41	30	
Benzene	50		"	50.0		100	81-125		5.81	30	
Bromodichloromethane	48		"	50.0		96.9	73-131		6.93	30	
Bromoform	49		"	50.0		98.6	66-137		8.34	30	
Bromomethane	45		"	50.0		89.2	55-144		0.915	30	
Carbon disulfide	93		"	100		93.2	59-145		6.79	30	
Carbon tetrachloride	50		"	50.0		99.2	74-137		2.98	30	
Chlorobenzene	50		"	50.0		99.8	75-127		3.56	30	
Chloroethane	51		"	50.0		102	65-138		2.68	30	
Chloroform	48		"	50.0		96.2	82-128		0.250	30	
Chloromethane	47		"	50.0		93.3	51-138		6.91	30	
cis-1,2-Dichloroethylene	45		"	50.0		90.8	77-130		1.14	30	
cis-1,3-Dichloropropylene	49		"	50.0		98.8	68-123		6.16	30	
Dibromochloromethane	49		"	50.0		97.9	73-136		9.47	30	
Dichlorodifluoromethane	43		"	50.0		86.1	10-183		10.0	30	
Ethyl Benzene	50		"	50.0		100	75-130		5.78	30	
Methyl tert-butyl ether (MTBE)	43		"	50.0		86.7	76-136		4.20	30	
Methylene chloride	45		"	50.0		89.5	55-143		6.02	30	
Naphthalene	54		"	50.0		107	65-140		8.66	30	
n-Butylbenzene	48		"	50.0		95.3	63-123		6.11	30	
n-Propylbenzene	49		"	50.0		97.0	65-127		6.27	30	
o-Xylene	48		"	50.0		95.7	71-123		5.84	30	
p- & m- Xylenes	98		"	100		97.9	72-127		6.15	30	
sec-Butylbenzene	50		"	50.0		101	69-125		3.98	30	
Styrene	51		"	50.0		102	74-127		5.85	30	
tert-Butylbenzene	49		"	50.0		98.1	59-164		4.03	30	
Tetrachloroethylene	50		"	50.0		101	65-151		6.49	30	
Toluene	48		"	50.0		96.0	72-127		5.74	30	
trans-1,2-Dichloroethylene	40		"	50.0		80.8	73-137		5.21	30	
trans-1,3-Dichloropropylene	48		"	50.0		96.6	67-131		6.45	30	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30209 - EPA 5035A											
LCS Dup (BF30209-BSD1)								Prepared & Analyzed: 06/05/2013			
Trichloroethylene	48		ug/L	50.0		95.1	73-129		5.58	30	
Trichlorofluoromethane	52		"	50.0		103	69-136		5.23	30	
Vinyl Chloride	47		"	50.0		93.9	58-132		5.99	30	
Surrogate: 1,2-Dichloroethane-d4	*50.1*		*"*	*50.0*		*100*	*73-130*				
Surrogate: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.5*	*72-127*				
Surrogate: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*84-117*				
Matrix Spike (BF30209-MS1)	*Source sample: 13F0125-01 (SB-1 0-2')							Prepared & Analyzed: 06/05/2013			
1,1,1-Trichloroethane	44		ug/L	50.0	ND	87.8	60-128				
1,1,2,2-Tetrachloroethane	6.9		"	50.0	ND	13.8	20-143	Low Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43		"	50.0	ND	86.2	52-129				
1,1,2-Trichloroethane	48		"	50.0	ND	96.6	53-126				
1,1-Dichloroethane	32		"	50.0	ND	63.7	62-129				
1,1-Dichloroethylene	44		"	50.0	ND	87.1	50-138				
1,2,4-Trichlorobenzene	21		"	50.0	ND	41.9	10-113				
1,2,4-Trimethylbenzene	37		"	50.0	ND	74.8	10-173				
1,2-Dibromo-3-chloropropane	48		"	50.0	ND	96.5	16-151				
1,2-Dibromoethane	46		"	50.0	ND	92.5	37-134				
1,2-Dichloroethane	47		"	50.0	ND	93.9	53-133				
1,2-Dichloropropane	49		"	50.0	ND	98.1	58-126				
1,3,5-Trimethylbenzene	40		"	50.0	ND	80.6	10-155				
2-Butanone	46		"	50.0	ND	92.7	13-140				
2-Hexanone	48		"	50.0	ND	95.8	10-149				
4-Methyl-2-pentanone	50		"	50.0	ND	101	17-136				
Acetone	39		"	50.0	3.8	69.5	10-130				
Benzene	47		"	50.0	ND	94.3	52-127				
Bromodichloromethane	47		"	50.0	ND	94.6	50-132				
Bromoform	49		"	50.0	ND	98.0	31-138				
Bromomethane	41		"	50.0	ND	81.8	20-141				
Carbon disulfide	74		"	100	ND	74.2	33-130				
Carbon tetrachloride	43		"	50.0	ND	85.9	52-131				
Chlorobenzene	40		"	50.0	ND	80.7	36-125				
Chloroethane	50		"	50.0	ND	101	35-143				
Chloroform	44		"	50.0	ND	87.6	62-127				
Chloromethane	49		"	50.0	ND	97.4	36-128				
cis-1,2-Dichloroethylene	35		"	50.0	ND	70.3	51-128				
cis-1,3-Dichloropropylene	45		"	50.0	ND	89.9	27-126				
Dibromochloromethane	47		"	50.0	ND	93.9	42-137				
Dichlorodifluoromethane	37		"	50.0	ND	74.8	10-143				
Ethyl Benzene	41		"	50.0	ND	83.0	32-131				
Methyl tert-butyl ether (MTBE)	42		"	50.0	ND	84.3	55-144				
Methylene chloride	43		"	50.0	0.45	85.9	17-147				
Naphthalene	30		"	50.0	0.38	59.6	10-142				
n-Butylbenzene	27		"	50.0	ND	53.3	10-116				
n-Propylbenzene	38		"	50.0	ND	75.1	70-130				
o-Xylene	40		"	50.0	ND	79.8	70-130				
p- & m- Xylenes	80		"	100	ND	79.9	70-130				
sec-Butylbenzene	33		"	50.0	ND	66.9	12-129				
Styrene	40		"	50.0	ND	79.9	13-130				
tert-Butylbenzene	41		"	50.0	ND	82.6	20-149				
Tetrachloroethylene	66		"	50.0	ND	133	26-179				
Toluene	44		"	50.0	ND	87.8	30-138				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30209 - EPA 5035A											
Matrix Spike (BF30209-MS1)	*Source sample: 13F0125-01 (SB-1 0-2')						Prepared & Analyzed: 06/05/2013				
trans-1,2-Dichloroethylene	34		ug/L	50.0	ND	67.4	46-132				
trans-1,3-Dichloropropylene	41		"	50.0	ND	81.6	20-132				
Trichloroethylene	71		"	50.0	ND	141	31-152				
Trichlorofluoromethane	46		"	50.0	ND	92.6	50-129				
Vinyl Chloride	45		"	50.0	ND	90.7	41-124				
Surrogate: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*73-130*				
Surrogate: p-Bromofluorobenzene	*54.4*		*"*	*50.0*		*109*	*72-127*				
Surrogate: Toluene-d8	*51.2*		*"*	*50.0*		*102*	*84-117*				
Batch BF30238 - EPA 5035A											
Blank (BF30238-BLK1)							Prepared & Analyzed: 06/06/2013				
1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
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	"								
1,2,4-Trichlorobenzene	ND	10	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	10	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
2-Butanone	ND	10	"								
2-Hexanone	ND	10	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	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	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	ND	10	"								
Naphthalene	2.9	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
sec-Butylbenzene	ND	5.0	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30238 - EPA 5035A											
Blank (BF30238-BLK1)							Prepared & Analyzed: 06/06/2013				
Styrene	ND	5.0	ug/kg wet								
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	"								
Surrogate: 1,2-Dichloroethane-d4	*50.8*		*ug/L*	*50.0*		*102*	*73-130*				
Surrogate: p-Bromofluorobenzene	*50.0*		*"*	*50.0*		*100*	*72-127*				
Surrogate: Toluene-d8	*48.4*		*"*	*50.0*		*96.9*	*84-117*				
LCS (BF30238-BS1)							Prepared & Analyzed: 06/06/2013				
1,1,1-Trichloroethane	53		ug/L	50.0		106	77-131				
1,1,2,2-Tetrachloroethane	51		"	50.0		102	68-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55		"	50.0		110	75-143				
1,1,2-Trichloroethane	51		"	50.0		102	72-128				
1,1-Dichloroethane	52		"	50.0		103	78-133				
1,1-Dichloroethylene	51		"	50.0		102	71-142				
1,2,4-Trichlorobenzene	58		"	50.0		117	59-133				
1,2,4-Trimethylbenzene	51		"	50.0		101	68-128				
1,2-Dibromo-3-chloropropane	64		"	50.0		128	58-145				
1,2-Dibromoethane	54		"	50.0		108	73-128				
1,2-Dichloroethane	54		"	50.0		108	78-131				
1,2-Dichloropropane	52		"	50.0		103	72-129				
1,3,5-Trimethylbenzene	50		"	50.0		101	67-125				
2-Butanone	54		"	50.0		108	49-138				
2-Hexanone	56		"	50.0		113	52-137				
4-Methyl-2-pentanone	41		"	50.0		81.1	56-130				
Acetone	43		"	50.0		85.9	21-131				
Benzene	52		"	50.0		104	81-125				
Bromodichloromethane	52		"	50.0		103	73-131				
Bromoform	54		"	50.0		108	66-137				
Bromomethane	45		"	50.0		90.7	55-144				
Carbon disulfide	100		"	100		102	59-145				
Carbon tetrachloride	54		"	50.0		108	74-137				
Chlorobenzene	51		"	50.0		102	75-127				
Chloroethane	50		"	50.0		100	65-138				
Chloroform	54		"	50.0		107	82-128				
Chloromethane	47		"	50.0		93.0	51-138				
cis-1,2-Dichloroethylene	52		"	50.0		104	77-130				
cis-1,3-Dichloropropylene	53		"	50.0		106	68-123				
Dibromochloromethane	54		"	50.0		109	73-136				
Dichlorodifluoromethane	41		"	50.0		81.3	10-183				
Ethyl Benzene	52		"	50.0		105	75-130				
Methyl tert-butyl ether (MTBE)	54		"	50.0		108	76-136				
Methylene chloride	52		"	50.0		103	55-143				
Naphthalene	62		"	50.0		124	65-140				
n-Butylbenzene	51		"	50.0		103	63-123				
n-Propylbenzene	48		"	50.0		97.0	65-127				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30238 - EPA 5035A											
LCS (BF30238-BS1)							Prepared & Analyzed: 06/06/2013				
o-Xylene	52		ug/L	50.0		103	71-123				
p- & m- Xylenes	100		"	100		103	72-127				
sec-Butylbenzene	50		"	50.0		99.4	69-125				
Styrene	53		"	50.0		106	74-127				
tert-Butylbenzene	50		"	50.0		100	59-164				
Tetrachloroethylene	50		"	50.0		100	65-151				
Toluene	50		"	50.0		101	72-127				
trans-1,2-Dichloroethylene	51		"	50.0		102	73-137				
trans-1,3-Dichloropropylene	53		"	50.0		106	67-131				
Trichloroethylene	49		"	50.0		98.2	73-129				
Trichlorofluoromethane	52		"	50.0		104	69-136				
Vinyl Chloride	46		"	50.0		92.4	58-132				
Surrogate: 1,2-Dichloroethane-d4	*52.0*		*"*	*50.0*		*104*	*73-130*				
Surrogate: p-Bromofluorobenzene	*48.6*		*"*	*50.0*		*97.1*	*72-127*				
Surrogate: Toluene-d8	*48.1*		*"*	*50.0*		*96.1*	*84-117*				
LCS Dup (BF30238-BSD1)							Prepared & Analyzed: 06/06/2013				
1,1,1-Trichloroethane	52		ug/L	50.0		103	77-131		2.33	30	
1,1,2,2-Tetrachloroethane	50		"	50.0		100	68-129		2.29	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		105	75-143		4.58	30	
1,1,2-Trichloroethane	51		"	50.0		101	72-128		0.551	30	
1,1-Dichloroethane	50		"	50.0		101	78-133		2.16	30	
1,1-Dichloroethylene	48		"	50.0		96.2	71-142		5.79	30	
1,2,4-Trichlorobenzene	54		"	50.0		108	59-133		8.00	30	
1,2,4-Trimethylbenzene	50		"	50.0		99.4	68-128		1.72	30	
1,2-Dibromo-3-chloropropane	49		"	50.0		98.6	58-145		25.9	30	
1,2-Dibromoethane	52		"	50.0		104	73-128		3.17	30	
1,2-Dichloroethane	52		"	50.0		103	78-131		4.41	30	
1,2-Dichloropropane	50		"	50.0		101	72-129		2.80	30	
1,3,5-Trimethylbenzene	50		"	50.0		101	67-125		0.0198	30	
2-Butanone	49		"	50.0		97.8	49-138		10.1	30	
2-Hexanone	52		"	50.0		104	52-137		8.00	30	
4-Methyl-2-pentanone	37		"	50.0		74.6	56-130		8.43	30	
Acetone	36		"	50.0		71.1	21-131		18.8	30	
Benzene	49		"	50.0		98.9	81-125		4.83	30	
Bromodichloromethane	52		"	50.0		103	73-131		0.194	30	
Bromoform	52		"	50.0		104	66-137		3.58	30	
Bromomethane	43		"	50.0		86.5	55-144		4.74	30	
Carbon disulfide	96		"	100		96.0	59-145		6.11	30	
Carbon tetrachloride	52		"	50.0		104	74-137		4.29	30	
Chlorobenzene	50		"	50.0		101	75-127		1.36	30	
Chloroethane	47		"	50.0		94.2	65-138		6.41	30	
Chloroform	51		"	50.0		103	82-128		4.35	30	
Chloromethane	45		"	50.0		89.4	51-138		4.01	30	
cis-1,2-Dichloroethylene	50		"	50.0		99.9	77-130		3.69	30	
cis-1,3-Dichloropropylene	51		"	50.0		102	68-123		3.98	30	
Dibromochloromethane	53		"	50.0		105	73-136		2.93	30	
Dichlorodifluoromethane	36		"	50.0		72.9	10-183		10.8	30	
Ethyl Benzene	51		"	50.0		102	75-130		2.69	30	
Methyl tert-butyl ether (MTBE)	50		"	50.0		99.9	76-136		7.83	30	
Methylene chloride	50		"	50.0		99.3	55-143		4.08	30	
Naphthalene	57		"	50.0		114	65-140		8.67	30	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30238 - EPA 5035A											
LCS Dup (BF30238-BSD1)								Prepared & Analyzed: 06/06/2013			
n-Butylbenzene	50		ug/L	50.0		101	63-123		1.67	30	
n-Propylbenzene	49		"	50.0		98.0	65-127		1.07	30	
o-Xylene	51		"	50.0		102	71-123		1.25	30	
p- & m- Xylenes	100		"	100		102	72-127		1.41	30	
sec-Butylbenzene	49		"	50.0		98.2	69-125		1.21	30	
Styrene	53		"	50.0		106	74-127		0.150	30	
tert-Butylbenzene	50		"	50.0		100	59-164		0.0797	30	
Tetrachloroethylene	50		"	50.0		100	65-151		0.160	30	
Toluene	50		"	50.0		100	72-127		0.0995	30	
trans-1,2-Dichloroethylene	49		"	50.0		98.0	73-137		4.24	30	
trans-1,3-Dichloropropylene	52		"	50.0		103	67-131		2.66	30	
Trichloroethylene	49		"	50.0		98.8	73-129		0.569	30	
Trichlorofluoromethane	48		"	50.0		96.2	69-136		7.40	30	
Vinyl Chloride	44		"	50.0		87.7	58-132		5.26	30	
Surrogate: 1,2-Dichloroethane-d4	*49.2*		*"*	*50.0*		*98.5*	*73-130*				
Surrogate: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*72-127*				
Surrogate: Toluene-d8	*48.6*		*"*	*50.0*		*97.2*	*84-117*				
Batch BF30304 - EPA 5035A											
Blank (BF30304-BLK1)								Prepared & Analyzed: 06/07/2013			
1,1,1-Trichloroethane	ND	5.0	ug/kg wet								
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	"								
1,2,4-Trichlorobenzene	ND	10	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	10	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
2-Butanone	ND	10	"								
2-Hexanone	ND	10	"								
4-Methyl-2-pentanone	ND	5.0	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	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	"								
Dichlorodifluoromethane	ND	5.0	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30304 - EPA 5035A											
Blank (BF30304-BLK1)								Prepared & Analyzed: 06/07/2013			
Ethyl Benzene	ND	5.0	ug/kg wet								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	3.3	10	"								
Naphthalene	2.7	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
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	"								
Surrogate: 1,2-Dichloroethane-d4	*52.3*		*ug/L*	*50.0*		*105*	*73-130*				
Surrogate: p-Bromofluorobenzene	*47.1*		*"*	*50.0*		*94.1*	*72-127*				
Surrogate: Toluene-d8	*49.9*		*"*	*50.0*		*99.8*	*84-117*				
LCS (BF30304-BS1)								Prepared & Analyzed: 06/07/2013			
1,1,1-Trichloroethane	44		ug/L	50.0		88.7	77-131				
1,1,2,2-Tetrachloroethane	46		"	50.0		92.4	68-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		106	75-143				
1,1,2-Trichloroethane	45		"	50.0		90.1	72-128				
1,1-Dichloroethane	33		"	50.0		65.1	78-133	Low Bias			
1,1-Dichloroethylene	51		"	50.0		102	71-142				
1,2,4-Trichlorobenzene	51		"	50.0		101	59-133				
1,2,4-Trimethylbenzene	46		"	50.0		91.4	68-128				
1,2-Dibromo-3-chloropropane	50		"	50.0		99.1	58-145				
1,2-Dibromoethane	48		"	50.0		95.1	73-128				
1,2-Dichloroethane	46		"	50.0		92.1	78-131				
1,2-Dichloropropane	46		"	50.0		91.1	72-129				
1,3,5-Trimethylbenzene	47		"	50.0		94.4	67-125				
2-Butanone	47		"	50.0		93.3	49-138				
2-Hexanone	46		"	50.0		91.3	52-137				
4-Methyl-2-pentanone	46		"	50.0		92.8	56-130				
Acetone	39		"	50.0		78.9	21-131				
Benzene	47		"	50.0		94.4	81-125				
Bromodichloromethane	45		"	50.0		89.1	73-131				
Bromoform	49		"	50.0		98.1	66-137				
Bromomethane	41		"	50.0		82.9	55-144				
Carbon disulfide	89		"	100		89.0	59-145				
Carbon tetrachloride	48		"	50.0		95.2	74-137				
Chlorobenzene	48		"	50.0		95.7	75-127				
Chloroethane	47		"	50.0		94.2	65-138				
Chloroform	44		"	50.0		88.0	82-128				
Chloromethane	43		"	50.0		85.5	51-138				
cis-1,2-Dichloroethylene	33		"	50.0		66.0	77-130	Low Bias			

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30304 - EPA 5035A											
LCS (BF30304-BS1)							Prepared & Analyzed: 06/07/2013				
cis-1,3-Dichloropropylene	46		ug/L	50.0		92.3	68-123				
Dibromochloromethane	49		"	50.0		97.1	73-136				
Dichlorodifluoromethane	31		"	50.0		62.9	10-183				
Ethyl Benzene	48		"	50.0		95.9	75-130				
Methyl tert-butyl ether (MTBE)	43		"	50.0		86.4	76-136				
Methylene chloride	44		"	50.0		87.2	55-143				
Naphthalene	54		"	50.0		108	65-140				
n-Butylbenzene	46		"	50.0		91.7	63-123				
n-Propylbenzene	47		"	50.0		93.4	65-127				
o-Xylene	45		"	50.0		90.5	71-123				
p- & m- Xylenes	95		"	100		94.8	72-127				
sec-Butylbenzene	48		"	50.0		96.9	69-125				
Styrene	49		"	50.0		97.6	74-127				
tert-Butylbenzene	48		"	50.0		95.6	59-164				
Tetrachloroethylene	48		"	50.0		95.5	65-151				
Toluene	46		"	50.0		91.6	72-127				
trans-1,2-Dichloroethylene	39		"	50.0		77.5	73-137				
trans-1,3-Dichloropropylene	46		"	50.0		92.4	67-131				
Trichloroethylene	44		"	50.0		88.1	73-129				
Trichlorofluoromethane	50		"	50.0		99.9	69-136				
Vinyl Chloride	40		"	50.0		79.7	58-132				
Surrogate: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*73-130*				
Surrogate: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.7*	*72-127*				
Surrogate: Toluene-d8	*48.7*		*"*	*50.0*		*97.4*	*84-117*				
LCS Dup (BF30304-BSD1)							Prepared & Analyzed: 06/07/2013				
1,1,1-Trichloroethane	48		ug/L	50.0		95.7	77-131		7.55	30	
1,1,2,2-Tetrachloroethane	49		"	50.0		98.1	68-129		6.07	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		112	75-143		5.71	30	
1,1,2-Trichloroethane	49		"	50.0		97.5	72-128		7.89	30	
1,1-Dichloroethane	31		"	50.0		62.9	78-133	Low Bias	3.44	30	
1,1-Dichloroethylene	51		"	50.0		101	71-142		0.354	30	
1,2,4-Trichlorobenzene	52		"	50.0		103	59-133		1.72	30	
1,2,4-Trimethylbenzene	47		"	50.0		93.9	68-128		2.61	30	
1,2-Dibromo-3-chloropropane	49		"	50.0		98.7	58-145		0.485	30	
1,2-Dibromoethane	49		"	50.0		97.7	73-128		2.72	30	
1,2-Dichloroethane	50		"	50.0		100	78-131		8.66	30	
1,2-Dichloropropane	47		"	50.0		94.5	72-129		3.60	30	
1,3,5-Trimethylbenzene	49		"	50.0		97.7	67-125		3.37	30	
2-Butanone	58		"	50.0		117	49-138		22.2	30	
2-Hexanone	47		"	50.0		94.7	52-137		3.61	30	
4-Methyl-2-pentanone	49		"	50.0		98.2	56-130		5.66	30	
Acetone	37		"	50.0		73.7	21-131		6.81	30	
Benzene	49		"	50.0		97.9	81-125		3.68	30	
Bromodichloromethane	46		"	50.0		92.0	73-131		3.18	30	
Bromoform	50		"	50.0		100	66-137		2.18	30	
Bromomethane	42		"	50.0		84.3	55-144		1.65	30	
Carbon disulfide	87		"	100		87.1	59-145		2.16	30	
Carbon tetrachloride	50		"	50.0		99.4	74-137		4.31	30	
Chlorobenzene	49		"	50.0		97.5	75-127		1.84	30	
Chloroethane	48		"	50.0		96.7	65-138		2.64	30	
Chloroform	48		"	50.0		96.2	82-128		8.90	30	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30304 - EPA 5035A											
LCS Dup (BF30304-BSD1)							Prepared & Analyzed: 06/07/2013				
Chloromethane	38		ug/L	50.0		75.9	51-138		11.8	30	
cis-1,2-Dichloroethylene	48		"	50.0		96.5	77-130		37.5	30	Non-dir.
cis-1,3-Dichloropropylene	48		"	50.0		96.2	68-123		4.12	30	
Dibromochloromethane	49		"	50.0		98.4	73-136		1.31	30	
Dichlorodifluoromethane	26		"	50.0		52.6	10-183		17.9	30	
Ethyl Benzene	49		"	50.0		97.2	75-130		1.31	30	
Methyl tert-butyl ether (MTBE)	43		"	50.0		85.7	76-136		0.837	30	
Methylene chloride	42		"	50.0		84.3	55-143		3.38	30	
Naphthalene	56		"	50.0		112	65-140		4.36	30	
n-Butylbenzene	48		"	50.0		95.5	63-123		4.06	30	
n-Propylbenzene	48		"	50.0		95.3	65-127		1.99	30	
o-Xylene	46		"	50.0		92.2	71-123		1.90	30	
p- & m- Xylenes	94		"	100		94.2	72-127		0.571	30	
sec-Butylbenzene	48		"	50.0		97.0	69-125		0.0206	30	
Styrene	49		"	50.0		98.1	74-127		0.552	30	
tert-Butylbenzene	48		"	50.0		96.8	59-164		1.29	30	
Tetrachloroethylene	48		"	50.0		96.9	65-151		1.52	30	
Toluene	47		"	50.0		94.1	72-127		2.65	30	
trans-1,2-Dichloroethylene	38		"	50.0		75.8	73-137		2.24	30	
trans-1,3-Dichloropropylene	47		"	50.0		93.0	67-131		0.712	30	
Trichloroethylene	45		"	50.0		90.0	73-129		2.09	30	
Trichlorofluoromethane	49		"	50.0		97.1	69-136		2.84	30	
Vinyl Chloride	38		"	50.0		76.7	58-132		3.86	30	
Surrogate: 1,2-Dichloroethane-d4	*52.1*		*"*	*50.0*		*104*	*73-130*				
Surrogate: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.4*	*72-127*				
Surrogate: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*84-117*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30323 - EPA 5030B											
Blank (BF30323-BLK1)								Prepared & Analyzed: 06/06/2013			
1,1,1-Trichloroethane	ND	5.0	ug/L								
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	"								
1,2,4-Trichlorobenzene	ND	10	"								
1,2,4-Trimethylbenzene	ND	5.0	"								
1,2-Dibromo-3-chloropropane	ND	10	"								
1,2-Dibromoethane	ND	5.0	"								
1,2-Dichloroethane	ND	5.0	"								
1,2-Dichloropropane	ND	5.0	"								
1,3,5-Trimethylbenzene	ND	5.0	"								
2-Butanone	ND	10	"								
2-Hexanone	ND	5.0	"								
4-Methyl-2-pentanone	ND	10	"								
Acetone	ND	10	"								
Benzene	ND	5.0	"								
Bromodichloromethane	ND	5.0	"								
Bromoform	ND	5.0	"								
Bromomethane	ND	5.0	"								
Carbon disulfide	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	"								
Dichlorodifluoromethane	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Methylene chloride	2.7	10	"								
Naphthalene	1.2	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	10	"								
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	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30323 - EPA 5030B											
Blank (BF30323-BLK1)							Prepared & Analyzed: 06/06/2013				
Surrogate: 1,2-Dichloroethane-d4	*52.1*		*ug/L*	*50.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*96.0*	*63.5-145*				
Surrogate: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*81.2-127*				
LCS (BF30323-BS1)							Prepared & Analyzed: 06/06/2013				
1,1,1-Trichloroethane	48		ug/L	50.0		95.3	75.6-137				
1,1,2,2-Tetrachloroethane	48		"	50.0		95.0	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51		"	50.0		101	71.1-129				
1,1,2-Trichloroethane	47		"	50.0		94.4	74.5-129				
1,1-Dichloroethane	47		"	50.0		94.9	79.6-132				
1,1-Dichloroethylene	45		"	50.0		90.1	80.2-146				
1,2,4-Trichlorobenzene	49		"	50.0		97.4	70.6-136				
1,2,4-Trimethylbenzene	45		"	50.0		90.6	70-130				
1,2-Dibromo-3-chloropropane	48		"	50.0		96.3	58.9-140				
1,2-Dibromoethane	49		"	50.0		98.8	79-130				
1,2-Dichloroethane	51		"	50.0		101	74.6-132				
1,2-Dichloropropane	47		"	50.0		94.7	76.9-129				
1,3,5-Trimethylbenzene	46		"	50.0		91.8	70-130				
2-Butanone	49		"	50.0		97.1	66.7-132				
2-Hexanone	52		"	50.0		104	68.1-137				
4-Methyl-2-pentanone	49		"	50.0		98.2	62.2-130				
Acetone	31		"	50.0		61.2	15-186				
Benzene	48		"	50.0		95.4	76.2-129				
Bromodichloromethane	48		"	50.0		96.7	79.7-134				
Bromoform	50		"	50.0		101	70.5-141				
Bromomethane	42		"	50.0		83.5	43.9-147				
Carbon disulfide	92		"	100		92.2	64-123				
Carbon tetrachloride	48		"	50.0		96.2	78.1-138				
Chlorobenzene	47		"	50.0		94.7	80.4-125				
Chloroethane	45		"	50.0		89.9	55.8-140				
Chloroform	48		"	50.0		96.0	76.6-133				
Chloromethane	44		"	50.0		87.5	48.8-115				
cis-1,2-Dichloroethylene	47		"	50.0		94.3	75.1-128				
cis-1,3-Dichloropropylene	50		"	50.0		100	74.5-128				
Dibromochloromethane	50		"	50.0		101	79.8-134				
Dichlorodifluoromethane	36		"	50.0		71.1	47.1-101				
Ethyl Benzene	48		"	50.0		96.5	80.8-128				
Isopropylbenzene	46		"	50.0		91.2	75.5-135				
Methyl tert-butyl ether (MTBE)	50		"	50.0		99.5	65.1-140				
Methylene chloride	50		"	50.0		99.2	61.3-120				
Naphthalene	50		"	50.0		99.1	70-130				
n-Butylbenzene	46		"	50.0		91.9	70-130				
n-Propylbenzene	46		"	50.0		92.3	70-130				
o-Xylene	47		"	50.0		93.4	75.9-122				
p- & m- Xylenes	95		"	100		95.2	77.7-127				
sec-Butylbenzene	46		"	50.0		92.4	70-130				
Styrene	49		"	50.0		97.4	77.8-123				
tert-Butylbenzene	47		"	50.0		93.9	70-130				
Tetrachloroethylene	46		"	50.0		91.7	63.6-167				
Toluene	47		"	50.0		93.1	77-123				
trans-1,2-Dichloroethylene	47		"	50.0		94.4	76.3-139				
trans-1,3-Dichloropropylene	49		"	50.0		98.1	72.5-137				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30323 - EPA 5030B											
LCS (BF30323-BS1)							Prepared & Analyzed: 06/06/2013				
Trichloroethylene	46		ug/L	50.0		92.3	77.9-130				
Trichlorofluoromethane	45		"	50.0		89.9	57.4-133				
Vinyl Chloride	42		"	50.0		83.8	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*51.3*		*"*	*50.0*		*103*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*49.4*		*"*	*50.0*		*98.8*	*63.5-145*				
Surrogate: Toluene-d8	*48.6*		*"*	*50.0*		*97.1*	*81.2-127*				
LCS Dup (BF30323-BSD1)							Prepared & Analyzed: 06/06/2013				
1,1,1-Trichloroethane	49		ug/L	50.0		98.3	75.6-137		3.08	19.7	
1,1,2,2-Tetrachloroethane	51		"	50.0		101	71.3-131		6.56	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50		"	50.0		101	71.1-129		0.336	21.7	
1,1,2-Trichloroethane	50		"	50.0		99.4	74.5-129		5.16	20.3	
1,1-Dichloroethane	49		"	50.0		97.1	79.6-132		2.27	20.6	
1,1-Dichloroethylene	46		"	50.0		91.5	80.2-146		1.54	20	
1,2,4-Trichlorobenzene	52		"	50.0		104	70.6-136		6.26	21.7	
1,2,4-Trimethylbenzene	47		"	50.0		94.0	70-130		3.66	30	
1,2-Dibromo-3-chloropropane	51		"	50.0		101	58.9-140		4.90	27.7	
1,2-Dibromoethane	52		"	50.0		104	79-130		4.66	23	
1,2-Dichloroethane	51		"	50.0		102	74.6-132		0.550	20.2	
1,2-Dichloropropane	49		"	50.0		98.5	76.9-129		3.97	20.7	
1,3,5-Trimethylbenzene	48		"	50.0		95.7	70-130		4.12	30	
2-Butanone	48		"	50.0		96.9	66.7-132		0.165	22	
2-Hexanone	52		"	50.0		104	68.1-137		0.135	20.5	
4-Methyl-2-pentanone	51		"	50.0		102	62.2-130		3.42	18	
Acetone	33		"	50.0		65.1	15-186		6.14	57	
Benzene	49		"	50.0		98.3	76.2-129		3.06	19	
Bromodichloromethane	50		"	50.0		100	79.7-134		3.43	21	
Bromoform	53		"	50.0		105	70.5-141		4.29	21.8	
Bromomethane	42		"	50.0		84.6	43.9-147		1.40	28.4	
Carbon disulfide	94		"	100		94.3	64-123		2.26	20	
Carbon tetrachloride	50		"	50.0		100	78.1-138		3.91	20.1	
Chlorobenzene	49		"	50.0		98.7	80.4-125		4.22	19.9	
Chloroethane	45		"	50.0		90.2	55.8-140		0.400	23.3	
Chloroform	49		"	50.0		98.4	76.6-133		2.49	20.3	
Chloromethane	45		"	50.0		89.2	48.8-115		1.88	24.5	
cis-1,2-Dichloroethylene	49		"	50.0		98.6	75.1-128		4.38	20.5	
cis-1,3-Dichloropropylene	53		"	50.0		105	74.5-128		4.77	19.9	
Dibromochloromethane	53		"	50.0		106	79.8-134		5.08	21.3	
Dichlorodifluoromethane	34		"	50.0		68.3	47.1-101		4.07	23.9	
Ethyl Benzene	51		"	50.0		101	80.8-128		4.71	19.2	
Isopropylbenzene	47		"	50.0		95.0	75.5-135		4.10	20	
Methyl tert-butyl ether (MTBE)	51		"	50.0		101	65.1-140		1.93	23.6	
Methylene chloride	50		"	50.0		100	61.3-120		0.723	20.4	
Naphthalene	53		"	50.0		107	70-130		7.67	30	
n-Butylbenzene	48		"	50.0		96.6	70-130		4.99	30	
n-Propylbenzene	48		"	50.0		96.4	70-130		4.37	30	
o-Xylene	48		"	50.0		95.9	75.9-122		2.64	19.3	
p- & m- Xylenes	98		"	100		98.1	77.7-127		3.00	18.6	
sec-Butylbenzene	49		"	50.0		97.4	70-130		5.27	30	
Styrene	51		"	50.0		101	77.8-123		3.96	20.9	
tert-Butylbenzene	49		"	50.0		98.8	70-130		5.06	30	
Tetrachloroethylene	48		"	50.0		95.1	63.6-167		3.68	27.7	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30323 - EPA 5030B											
LCS Dup (BF30323-BSD1)							Prepared & Analyzed: 06/06/2013				
Toluene	49		ug/L	50.0		97.5	77-123		4.60	18.7	
trans-1,2-Dichloroethylene	48		"	50.0		95.6	76.3-139		1.26	19.5	
trans-1,3-Dichloropropylene	51		"	50.0		101	72.5-137		3.17	19.3	
Trichloroethylene	48		"	50.0		96.7	77.9-130		4.59	20.5	
Trichlorofluoromethane	45		"	50.0		90.4	57.4-133		0.510	21.4	
Vinyl Chloride	42		"	50.0		83.1	54.9-124		0.815	22.3	
Surrogate: 1,2-Dichloroethane-d4	*51.1*		*"*	*50.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*63.5-145*				
Surrogate: Toluene-d8	*49.0*		*"*	*50.0*		*98.0*	*81.2-127*				

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30293 - EPA 3550B											
Blank (BF30293-BLK1)								Prepared & Analyzed: 06/07/2013			
Acenaphthene	ND	167	ug/kg wet								
Acenaphthylene	ND	167	"								
Anthracene	ND	167	"								
Benzo(a)anthracene	ND	167	"								
Benzo(a)pyrene	ND	167	"								
Benzoic acid	ND	333	"								
Benzo(b)fluoranthene	ND	167	"								
Benzo(g,h,i)perylene	ND	167	"								
Benzyl alcohol	ND	167	"								
Benzo(k)fluoranthene	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	"								
Bis(2-ethylhexyl)phthalate	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	"								
1,2-Dichlorobenzene	ND	167	"								
1,4-Dichlorobenzene	ND	167	"								
1,3-Dichlorobenzene	ND	167	"								
3,3'-Dichlorobenzidine	ND	167	"								
2,4-Dichlorophenol	ND	167	"								
Diethyl phthalate	ND	167	"								
2,4-Dimethylphenol	ND	167	"								
Dimethyl phthalate	ND	167	"								
4,6-Dinitro-2-methylphenol	ND	333	"								
2-Nitroaniline	ND	167	"								
2,4-Dinitrophenol	ND	333	"								
2,6-Dinitrotoluene	ND	167	"								
2,4-Dinitrotoluene	ND	167	"								
Di-n-octyl 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	"								

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30293 - EPA 3550B											
Blank (BF30293-BLK1)							Prepared & Analyzed: 06/07/2013				
3-Nitroaniline	ND	167	ug/kg wet								
4-Nitroaniline	ND	167	"								
Nitrobenzene	ND	167	"								
4-Nitrophenol	ND	167	"								
2-Nitrophenol	ND	167	"								
N-nitroso-di-n-propylamine	ND	167	"								
N-Nitrosodiphenylamine	ND	167	"								
Pentachlorophenol	ND	167	"								
Phenanthrene	ND	167	"								
Phenol	ND	167	"								
Pyrene	ND	167	"								
1,2,4-Trichlorobenzene	ND	167	"								
2,4,5-Trichlorophenol	ND	167	"								
2,4,6-Trichlorophenol	ND	167	"								
Surrogate: 2,4,6-Tribromophenol	*1620*		*"*	*2510*		*64.8*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*1040*		*"*	*1670*		*62.3*	*30-130*				
Surrogate: 2-Fluorophenol	*1290*		*"*	*2490*		*51.9*	*15-110*				
Surrogate: Nitrobenzene-d5	*1030*		*"*	*1660*		*61.8*	*30-130*				
Surrogate: Phenol-d5	*1450*		*"*	*2500*		*58.2*	*15-110*				
Surrogate: Terphenyl-d14	*1090*		*"*	*1670*		*65.3*	*30-130*				
LCS (BF30293-BS1)							Prepared & Analyzed: 06/07/2013				
Acenaphthene	1330	167	ug/kg wet	1670		79.8	31.1-109				
Acenaphthylene	1330	167	"	1670		79.7	31.1-106				
Anthracene	1400	167	"	1670		84.0	31.5-107				
Benzo(a)anthracene	1580	167	"	1670		94.6	31.5-115				
Benzo(a)pyrene	1890	167	"	1670		113	29.1-138				
Benzo(b)fluoranthene	1740	167	"	1670		104	14.9-131				
Benzo(g,h,i)perylene	1910	167	"	1670		115	6.56-121				
Benzyl alcohol	1240	167	"	1670		74.7	25.4-119				
Benzo(k)fluoranthene	1600	167	"	1670		95.8	29.1-121				
Benzyl butyl phthalate	1190	167	"	1670		71.6	31.3-112				
4-Bromophenyl phenyl ether	1480	167	"	1670		88.8	25.2-113				
4-Chloro-3-methylphenol	1400	167	"	1670		84.0	29.5-124				
4-Chloroaniline	1320	167	"	1670		79.1	10-177				
Bis(2-chloroethoxy)methane	1160	167	"	1670		69.9	27.9-111				
Bis(2-chloroethyl)ether	1080	167	"	1670		65.1	18-122				
Bis(2-chloroisopropyl)ether	1120	167	"	1670		67.1	9.62-123				
Bis(2-ethylhexyl)phthalate	1340	167	"	1670		80.3	25-105				
2-Chloronaphthalene	1240	167	"	1670		74.5	31.7-108				
2-Chlorophenol	1350	167	"	1670		81.0	20.3-125				
4-Chlorophenyl phenyl ether	1580	167	"	1670		94.5	23.6-110				
Chrysene	1380	167	"	1670		82.9	27.4-117				
Dibenzo(a,h)anthracene	2000	167	"	1670		120	14.6-119	High Bias			
Dibenzofuran	1420	167	"	1670		85.4	30.2-108				
Di-n-butyl phthalate	1220	167	"	1670		73.0	33.5-100				
1,2-Dichlorobenzene	1400	167	"	1670		84.1	22.8-114				
1,4-Dichlorobenzene	1430	167	"	1670		86.1	19.8-121				
1,3-Dichlorobenzene	1270	167	"	1670		76.4	20.6-119				
3,3'-Dichlorobenzidine	1620	167	"	1670		97.1	10-180				
2,4-Dichlorophenol	1570	167	"	1670		94.4	23.3-125				

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30293 - EPA 3550B											
LCS (BF30293-BS1)							Prepared & Analyzed: 06/07/2013				
Diethyl phthalate	1220	167	ug/kg wet	1670		73.0	29.7-111				
2,4-Dimethylphenol	1320	167	"	1670		79.1	29.8-115				
Dimethyl phthalate	1240	167	"	1670		74.4	27-118				
4,6-Dinitro-2-methylphenol	1700	333	"	1670		102	10-122				
2-Nitroaniline	1090	167	"	1670		65.1	20.7-122				
2,4-Dinitrophenol	1430	333	"	1670		85.7	10-151				
2,6-Dinitrotoluene	1440	167	"	1670		86.4	26.1-119				
2,4-Dinitrotoluene	1280	167	"	1670		76.7	21.4-126				
Di-n-octyl phthalate	1270	167	"	1670		76.1	19-129				
Fluoranthene	1420	167	"	1670		85.1	31.3-110				
Fluorene	1480	167	"	1670		88.9	29.9-108				
Hexachlorobenzene	1210	167	"	1670		72.3	31.7-102				
Hexachlorobutadiene	1710	167	"	1670		103	10.1-134				
Hexachlorocyclopentadiene	2480	167	"	1670		149	10-122	High Bias			
Hexachloroethane	1440	167	"	1670		86.6	20.2-114				
Indeno(1,2,3-cd)pyrene	1980	167	"	1670		119	12.6-120				
Isophorone	1180	167	"	1670		70.8	27.2-113				
2-Methylnaphthalene	1320	167	"	1670		79.0	17.4-119				
2-Methylphenol	1420	167	"	1670		85.1	23.6-125				
3- & 4-Methylphenols	1470	167	"	1670		88.1	21.3-115				
Naphthalene	1380	167	"	1670		82.6	25.2-111				
3-Nitroaniline	1320	167	"	1670		78.9	9.73-147				
4-Nitroaniline	1090	167	"	1670		65.3	6.42-169				
Nitrobenzene	1350	167	"	1670		81.2	21.8-118				
4-Nitrophenol	1300	167	"	1670		77.8	10-136				
2-Nitrophenol	1300	167	"	1670		77.9	20.6-119				
N-nitroso-di-n-propylamine	1350	167	"	1670		80.8	25.3-118				
N-Nitrosodiphenylamine	1690	167	"	1670		102	35.8-132				
Pentachlorophenol	1540	167	"	1670		92.4	3.68-146				
Phenanthrene	1470	167	"	1670		88.3	31.2-105				
Phenol	1210	167	"	1670		72.4	23.2-117				
Pyrene	1480	167	"	1670		89.0	26.3-124				
1,2,4-Trichlorobenzene	1660	167	"	1670		99.9	19.3-128				
2,4,5-Trichlorophenol	1450	167	"	1670		87.0	19.5-131				
2,4,6-Trichlorophenol	1600	167	"	1670		96.2	24.2-123				
Surrogate: 2,4,6-Tribromophenol	*1900*		*"*	*2510*		*75.7*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*1170*		*"*	*1670*		*70.2*	*30-130*				
Surrogate: 2-Fluorophenol	*1290*		*"*	*2490*		*51.8*	*15-110*				
Surrogate: Nitrobenzene-d5	*1130*		*"*	*1660*		*68.0*	*30-130*				
Surrogate: Phenol-d5	*1600*		*"*	*2500*		*64.0*	*15-110*				
Surrogate: Terphenyl-d14	*1150*		*"*	*1670*		*69.0*	*30-130*				

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30293 - EPA 3550B											
LCS Dup (BF30293-BSD1)								Prepared & Analyzed: 06/07/2013			
Acenaphthene	1380	167	ug/kg wet	1670		82.6	31.1-109		3.37	30	
Acenaphthylene	1380	167	"	1670		82.8	31.1-106		3.82	30	
Anthracene	1450	167	"	1670		86.8	31.5-107		3.33	30	
Benzo(a)anthracene	1630	167	"	1670		97.7	31.5-115		3.27	30	
Benzo(a)pyrene	1870	167	"	1670		112	29.1-138		0.816	30	
Benzo(b)fluoranthene	1780	167	"	1670		107	14.9-131		2.35	30	
Benzo(g,h,i)perylene	1930	167	"	1670		116	6.56-121		0.832	30	
Benzyl alcohol	1270	167	"	1670		76.3	25.4-119		2.17	30	
Benzo(k)fluoranthene	1700	167	"	1670		102	29.1-121		6.39	30	
Benzyl butyl phthalate	1200	167	"	1670		71.7	31.3-112		0.140	30	
4-Bromophenyl phenyl ether	1520	167	"	1670		91.0	25.2-113		2.45	30	
4-Chloro-3-methylphenol	1410	167	"	1670		84.5	29.5-124		0.570	30	
4-Chloroaniline	1390	167	"	1670		83.2	10-177		5.00	30	
Bis(2-chloroethoxy)methane	1160	167	"	1670		69.4	27.9-111		0.747	30	
Bis(2-chloroethyl)ether	1160	167	"	1670		69.3	18-122		6.28	30	
Bis(2-chloroisopropyl)ether	1090	167	"	1670		65.3	9.62-123		2.66	30	
Bis(2-ethylhexyl)phthalate	1370	167	"	1670		82.1	25-105		2.24	30	
2-Chloronaphthalene	1320	167	"	1670		79.3	31.7-108		6.16	30	
2-Chlorophenol	1310	167	"	1670		78.5	20.3-125		3.14	30	
4-Chlorophenyl phenyl ether	1620	167	"	1670		97.2	23.6-110		2.82	30	
Chrysene	1410	167	"	1670		84.9	27.4-117		2.41	30	
Dibenzo(a,h)anthracene	1990	167	"	1670		119	14.6-119		0.536	30	
Dibenzofuran	1500	167	"	1670		90.0	30.2-108		5.18	30	
Di-n-butyl phthalate	1210	167	"	1670		72.8	33.5-100		0.357	30	
1,2-Dichlorobenzene	1410	167	"	1670		84.5	22.8-114		0.475	30	
1,4-Dichlorobenzene	1410	167	"	1670		84.9	19.8-121		1.40	30	
1,3-Dichlorobenzene	1260	167	"	1670		75.5	20.6-119		1.13	30	
3,3'-Dichlorobenzidine	1700	167	"	1670		102	10-180		4.88	30	
2,4-Dichlorophenol	1580	167	"	1670		94.8	23.3-125		0.423	30	
Diethyl phthalate	1280	167	"	1670		76.8	29.7-111		5.02	30	
2,4-Dimethylphenol	1340	167	"	1670		80.6	29.8-115		1.78	30	
Dimethyl phthalate	1280	167	"	1670		76.5	27-118		2.86	30	
2-Nitroaniline	1150	167	"	1670		68.7	20.7-122		5.38	30	
4,6-Dinitro-2-methylphenol	1700	333	"	1670		102	10-122		0.0982	30	
2,4-Dinitrophenol	1440	333	"	1670		86.5	10-151		0.883	30	
2,6-Dinitrotoluene	1480	167	"	1670		88.6	26.1-119		2.47	30	
2,4-Dinitrotoluene	1280	167	"	1670		77.1	21.4-126		0.468	30	
Di-n-octyl phthalate	1280	167	"	1670		76.6	19-129		0.655	30	
Fluoranthene	1460	167	"	1670		87.5	31.3-110		2.80	30	
Fluorene	1510	167	"	1670		90.6	29.9-108		1.87	30	
Hexachlorobenzene	1190	167	"	1670		71.1	31.7-102		1.65	30	
Hexachlorobutadiene	1760	167	"	1670		106	10.1-134		2.75	30	
Hexachlorocyclopentadiene	2570	167	"	1670		154	10-122	High Bias	3.72	30	
Hexachloroethane	1390	167	"	1670		83.3	20.2-114		3.88	30	
Indeno(1,2,3-cd)pyrene	2020	167	"	1670		121	12.6-120	High Bias	1.60	30	
Isophorone	1190	167	"	1670		71.4	27.2-113		0.872	30	
2-Methylnaphthalene	1330	167	"	1670		80.0	17.4-119		1.26	30	
2-Methylphenol	1410	167	"	1670		84.4	23.6-125		0.755	30	
3- & 4-Methylphenols	1460	167	"	1670		87.4	21.3-115		0.775	30	
Naphthalene	1410	167	"	1670		84.3	25.2-111		2.08	30	
3-Nitroaniline	1370	167	"	1670		82.4	9.73-147		4.39	30	

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30293 - EPA 3550B											
LCS Dup (BF30293-BSD1)								Prepared & Analyzed: 06/07/2013			
4-Nitroaniline	1160	167	ug/kg wet	1670		69.5	6.42-169		6.29	30	
Nitrobenzene	1290	167	"	1670		77.6	21.8-118		4.48	30	
4-Nitrophenol	1280	167	"	1670		77.0	10-136		1.09	30	
2-Nitrophenol	1310	167	"	1670		78.3	20.6-119		0.512	30	
N-nitroso-di-n-propylamine	1330	167	"	1670		79.7	25.3-118		1.45	30	
N-Nitrosodiphenylamine	1780	167	"	1670		107	35.8-132		4.84	30	
Pentachlorophenol	1640	167	"	1670		98.5	3.68-146		6.41	30	
Phenanthrene	1530	167	"	1670		91.6	31.2-105		3.58	30	
Phenol	1260	167	"	1670		75.4	23.2-117		4.06	30	
Pyrene	1480	167	"	1670		88.5	26.3-124		0.586	30	
1,2,4-Trichlorobenzene	1710	167	"	1670		103	19.3-128		2.82	30	
2,4,5-Trichlorophenol	1470	167	"	1670		88.4	19.5-131		1.60	30	
2,4,6-Trichlorophenol	1510	167	"	1670		90.3	24.2-123		6.28	30	
Surrogate: 2,4,6-Tribromophenol	*1930*		*"*	*2510*		*77.1*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*1220*		*"*	*1670*		*72.9*	*30-130*				
Surrogate: 2-Fluorophenol	*1430*		*"*	*2490*		*57.4*	*15-110*				
Surrogate: Nitrobenzene-d5	*1100*		*"*	*1660*		*66.3*	*30-130*				
Surrogate: Phenol-d5	*1590*		*"*	*2500*		*63.5*	*15-110*				
Surrogate: Terphenyl-d14	*1170*		*"*	*1670*		*70.2*	*30-130*				
Matrix Spike (BF30293-MS1)	*Source sample: 13F0125-04 (SB-2 12'-14')							Prepared & Analyzed: 06/07/2013			
Acenaphthene	1010	190	ug/kg dry	1900	ND	52.9	31.1-109				
Acenaphthylene	1010	190	"	1900	ND	53.0	31.1-106				
Anthracene	1160	190	"	1900	ND	61.1	31.5-107				
Benzo(a)anthracene	1350	190	"	1900	ND	70.7	31.5-115				
Benzo(a)pyrene	1470	190	"	1900	ND	77.1	29.1-138				
Benzo(b)fluoranthene	1310	190	"	1900	ND	68.8	14.9-131				
Benzo(g,h,i)perylene	1560	190	"	1900	ND	82.2	6.56-121				
Benzyl alcohol	984	190	"	1900	ND	51.7	25.4-119				
Benzo(k)fluoranthene	1250	190	"	1900	ND	65.7	29.1-121				
Benzyl butyl phthalate	1010	190	"	1900	ND	53.1	31.3-112				
4-Bromophenyl phenyl ether	1180	190	"	1900	ND	62.0	25.2-113				
4-Chloro-3-methylphenol	1100	190	"	1900	ND	57.8	29.5-124				
4-Chloroaniline	1120	190	"	1900	ND	58.7	10-177				
Bis(2-chloroethoxy)methane	892	190	"	1900	ND	46.8	27.9-111				
Bis(2-chloroethyl)ether	756	190	"	1900	ND	39.7	18-122				
Bis(2-chloroisopropyl)ether	803	190	"	1900	ND	42.2	9.62-123				
Bis(2-ethylhexyl)phthalate	1110	190	"	1900	ND	58.5	25-105				
2-Chloronaphthalene	930	190	"	1900	ND	48.9	31.7-108				
2-Chlorophenol	868	190	"	1900	ND	45.6	20.3-125				
4-Chlorophenyl phenyl ether	1230	190	"	1900	ND	64.4	23.6-110				
Chrysene	1200	190	"	1900	ND	62.9	27.4-117				
Dibenzo(a,h)anthracene	1610	190	"	1900	ND	84.5	14.6-119				
Dibenzofuran	1080	190	"	1900	ND	56.6	30.2-108				
Di-n-butyl phthalate	1020	190	"	1900	ND	53.6	33.5-100				
1,2-Dichlorobenzene	1060	190	"	1900	ND	55.7	22.8-114				
1,4-Dichlorobenzene	1070	190	"	1900	ND	56.0	19.8-121				
1,3-Dichlorobenzene	991	190	"	1900	ND	52.1	20.6-119				
3,3'-Dichlorobenzidine	1460	190	"	1900	ND	76.6	10-180				
2,4-Dichlorophenol	1160	190	"	1900	ND	60.8	23.3-125				
Diethyl phthalate	994	190	"	1900	ND	52.2	29.7-111				

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30293 - EPA 3550B											
Matrix Spike (BF30293-MS1)	*Source sample: 13F0125-04 (SB-2 12'-14')						Prepared & Analyzed: 06/07/2013				
2,4-Dimethylphenol	960	190	ug/kg dry	1900	ND	50.4	29.8-115				
Dimethyl phthalate	975	190	"	1900	ND	51.2	27-118				
4,6-Dinitro-2-methylphenol	1290	381	"	1900	ND	67.8	10-122				
2-Nitroaniline	881	190	"	1900	ND	46.3	20.7-122				
2,4-Dinitrophenol	796	381	"	1900	ND	41.8	10-151				
2,6-Dinitrotoluene	1130	190	"	1900	ND	59.4	26.1-119				
2,4-Dinitrotoluene	1040	190	"	1900	ND	54.8	21.4-126				
Di-n-octyl phthalate	1020	190	"	1900	ND	53.8	19-129				
Fluoranthene	1210	190	"	1900	ND	63.8	31.3-110				
Fluorene	1110	190	"	1900	ND	58.4	29.9-108				
Hexachlorobenzene	1000	190	"	1900	ND	52.6	31.7-102				
Hexachlorobutadiene	1270	190	"	1900	ND	66.7	10.1-134				
Hexachlorocyclopentadiene	1490	190	"	1900	ND	78.1	10-122				
Hexachloroethane	1040	190	"	1900	ND	54.9	20.2-114				
Indeno(1,2,3-cd)pyrene	1650	190	"	1900	ND	86.5	12.6-120				
Isophorone	898	190	"	1900	ND	47.2	27.2-113				
2-Methylnaphthalene	959	190	"	1900	ND	50.4	17.4-119				
2-Methylphenol	1030	190	"	1900	ND	54.2	23.6-125				
3- & 4-Methylphenols	1070	190	"	1900	ND	56.2	21.3-115				
Naphthalene	1020	190	"	1900	ND	53.5	25.2-111				
3-Nitroaniline	1150	190	"	1900	ND	60.4	9.73-147				
4-Nitroaniline	ND	190	"	1900	ND		6.42-169	Low Bias			
Nitrobenzene	1000	190	"	1900	ND	52.6	21.8-118				
4-Nitrophenol	932	190	"	1900	ND	49.0	10-136				
2-Nitrophenol	979	190	"	1900	ND	51.4	20.6-119				
N-nitroso-di-n-propylamine	976	190	"	1900	ND	51.3	25.3-118				
N-Nitrosodiphenylamine	1320	190	"	1900	ND	69.5	35.8-132				
Pentachlorophenol	1200	190	"	1900	ND	62.8	3.68-146				
Phenanthrene	1170	190	"	1900	ND	61.5	31.2-105				
Phenol	976	190	"	1900	ND	51.3	23.2-117				
Pyrene	1250	190	"	1900	ND	65.4	26.3-124				
1,2,4-Trichlorobenzene	1220	190	"	1900	ND	64.1	19.3-128				
2,4,5-Trichlorophenol	1080	190	"	1900	ND	56.7	19.5-131				
2,4,6-Trichlorophenol	1180	190	"	1900	ND	62.0	24.2-123				
Surrogate: 2,4,6-Tribromophenol	*2620*		*"*	*2860*		*91.5*	*15-110*				
Surrogate: 2-Fluorobiphenyl	*1620*		*"*	*1910*		*84.6*	*30-130*				
Surrogate: 2-Fluorophenol	*1710*		*"*	*2850*		*59.9*	*15-110*				
Surrogate: Nitrobenzene-d5	*1500*		*"*	*1900*		*78.7*	*30-130*				
Surrogate: Phenol-d5	*2130*		*"*	*2850*		*74.5*	*15-110*				
Surrogate: Terphenyl-d14	*1730*		*"*	*1900*		*91.1*	*30-130*				

Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30269 - EPA 3545A											
Blank (BF30269-BLK1)								Prepared: 06/06/2013 Analyzed: 06/07/2013			
Toxaphene	ND	25.0	ug/kg wet								
Methoxychlor	ND	2.48	"								
Heptachlor epoxide	ND	0.495	"								
Heptachlor	ND	0.495	"								
gamma-BHC (Lindane)	ND	0.495	"								
Endrin ketone	ND	0.495	"								
Endrin aldehyde	ND	0.495	"								
Endrin	ND	0.495	"								
Endosulfan sulfate	ND	0.495	"								
Endosulfan II	ND	0.495	"								
Endosulfan I	ND	0.495	"								
Dieldrin	ND	0.495	"								
delta-BHC	ND	0.495	"								
Chlordane, total	ND	1.98	"								
beta-BHC	ND	0.495	"								
alpha-BHC	ND	0.495	"								
Aldrin	ND	0.495	"								
4,4'-DDT	ND	0.495	"								
4,4'-DDE	ND	0.495	"								
4,4'-DDD	ND	0.495	"								
Aroclor 1260	ND	25.5	"								
Aroclor 1254	ND	25.5	"								
Aroclor 1248	ND	25.5	"								
Aroclor 1242	ND	25.5	"								
Aroclor 1232	ND	25.5	"								
Aroclor 1221	ND	25.5	"								
Aroclor 1016	ND	25.5	"								
Total PCBs	ND	25.5	"								
Surrogate: Tetrachloro-m-xylene	*76.9*		*"*	*100*		*76.9*	*30-150*				
Surrogate: Decachlorobiphenyl	*91.9*		*"*	*100*		*91.4*	*30-150*				

Organochlorine Pesticides by EPA SW 846-8081 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF30269 - EPA 3545A											
LCS (BF30269-BS1)								Prepared: 06/06/2013 Analyzed: 06/07/2013			
Methoxychlor	54.7	2.48	ug/kg wet	50.0		109	40-140				
Heptachlor epoxide	39.4	0.495	"	50.0		78.8	40-140				
Heptachlor	41.2	0.495	"	50.0		82.3	40-140				
gamma-BHC (Lindane)	41.4	0.495	"	50.0		82.8	40-140				
Endrin ketone	39.7	0.495	"	50.0		79.5	40-140				
Endrin aldehyde	40.9	0.495	"	50.0		81.8	40-140				
Endrin	44.4	0.495	"	50.0		88.9	40-140				
Endosulfan sulfate	42.8	0.495	"	50.0		85.6	40-140				
Endosulfan II	40.4	0.495	"	50.0		80.7	40-140				
Endosulfan I	42.8	0.495	"	50.0		85.5	40-140				
Dieldrin	42.8	0.495	"	50.0		85.5	40-140				
delta-BHC	42.2	0.495	"	50.0		84.5	40-140				
beta-BHC	42.0	0.495	"	50.0		84.0	40-140				
alpha-BHC	42.6	0.495	"	50.0		85.2	40-140				
Aldrin	42.3	0.495	"	50.0		84.7	40-140				
4,4'-DDT	49.0	0.495	"	50.0		97.9	40-140				
4,4'-DDE	40.5	0.495	"	50.0		81.0	40-140				
4,4'-DDD	46.9	0.495	"	50.0		93.8	40-140				
Surrogate: Tetrachloro-m-xylene	*86.1*		*"*	*100*		*86.1*	*30-150*				
Surrogate: Decachlorobiphenyl	*82.9*		*"*	*100*		*82.5*	*30-150*				
LCS (BF30269-BS2)								Prepared: 06/06/2013 Analyzed: 06/08/2013			
Aroclor 1260	448	25.5	ug/kg wet	500		89.6	40-140				
Aroclor 1016	450	25.5	"	500		89.9	40-140				
Surrogate: Tetrachloro-m-xylene	*80.5*		*"*	*100*		*80.5*	*30-150*				
Surrogate: Decachlorobiphenyl	*84.0*		*"*	*100*		*83.6*	*30-150*				
LCS Dup (BF30269-BSD1)								Prepared: 06/06/2013 Analyzed: 06/07/2013			
Methoxychlor	56.2	2.48	ug/kg wet	50.0		112	40-140		2.70	200	
Heptachlor epoxide	39.8	0.495	"	50.0		79.5	40-140		0.881	200	
Heptachlor	41.2	0.495	"	50.0		82.4	40-140		0.0656	200	
gamma-BHC (Lindane)	42.0	0.495	"	50.0		84.0	40-140		1.44	200	
Endrin ketone	41.5	0.495	"	50.0		83.0	40-140		4.29	200	
Endrin aldehyde	42.0	0.495	"	50.0		84.1	40-140		2.76	200	
Endrin	45.1	0.495	"	50.0		90.2	40-140		1.42	200	
Endosulfan sulfate	43.8	0.495	"	50.0		87.7	40-140		2.43	200	
Endosulfan II	40.5	0.495	"	50.0		81.1	40-140		0.414	200	
Endosulfan I	42.8	0.495	"	50.0		85.6	40-140		0.0760	200	
Dieldrin	42.7	0.495	"	50.0		85.4	40-140		0.171	200	
delta-BHC	43.0	0.495	"	50.0		86.0	40-140		1.77	200	
beta-BHC	42.8	0.495	"	50.0		85.5	40-140		1.78	200	
alpha-BHC	42.8	0.495	"	50.0		85.6	40-140		0.363	200	
Aldrin	42.9	0.495	"	50.0		85.9	40-140		1.41	200	
4,4'-DDT	49.8	0.495	"	50.0		99.5	40-140		1.61	200	
4,4'-DDE	41.5	0.495	"	50.0		83.0	40-140		2.46	200	
4,4'-DDD	48.0	0.495	"	50.0		96.0	40-140		2.34	200	
Surrogate: Tetrachloro-m-xylene	*85.6*		*"*	*100*		*85.6*	*30-150*				
Surrogate: Decachlorobiphenyl	*87.2*		*"*	*100*		*86.8*	*30-150*				

Metals by EPA 6000 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 BF30214 - EPA 3050B											
Blank (BF30214-BLK1)								Prepared: 06/05/2013 Analyzed: 06/06/2013			
Aluminum	ND	2.00	mg/kg wet								
Antimony	ND	0.500	"								
Arsenic	ND	1.00	"								
Barium	ND	0.500	"								
Beryllium	ND	0.100	"								
Cadmium	ND	0.500	"								
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	1.00	"								
Nickel	ND	0.500	"								
Potassium	ND	10.0	"								
Selenium	ND	0.500	"								
Silver	ND	0.500	"								
Sodium	ND	10.0	"								
Thallium	ND	0.500	"								
Vanadium	ND	0.500	"								
Zinc	ND	0.500	"								
Duplicate (BF30214-DUP1)	*Source sample: 13F0125-02 (SB-1 12'-14')							Prepared: 06/05/2013 Analyzed: 06/06/2013			
Aluminum	4840	2.44	mg/kg dry		4900				1.24	35	
Antimony	ND	0.611	"		ND					35	
Arsenic	2.75	1.22	"		2.31				17.2	35	
Barium	19.1	0.611	"		19.2				0.460	35	
Beryllium	ND	0.122	"		ND					35	
Cadmium	ND	0.611	"		ND					35	
Calcium	376	6.11	"		381				1.30	35	
Chromium	8.96	0.611	"		9.02				0.611	35	
Cobalt	5.04	0.611	"		5.07				0.629	35	
Copper	8.99	0.611	"		9.07				0.966	35	
Iron	13400	2.44	"		13500				0.961	35	
Lead	3.87	0.367	"		4.17				7.58	35	
Magnesium	1530	6.11	"		1550				1.48	35	
Manganese	245	1.22	"		247				0.911	35	
Nickel	9.00	0.611	"		8.84				1.75	35	
Potassium	549	12.2	"		553				0.871	35	
Selenium	2.59	0.611	"		2.09				21.1	35	
Silver	ND	0.611	"		ND					35	
Sodium	69.9	12.2	"		70.2				0.424	35	
Thallium	ND	0.611	"		ND					35	
Vanadium	15.5	0.611	"		15.5				0.0790	35	
Zinc	21.6	0.611	"		21.7				0.644	35	

Metals by EPA 6000 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 BF30214 - EPA 3050B											
Matrix Spike (BF30214-MS1)	*Source sample: 13F0125-02 (SB-1 12'-14')							Prepared: 06/05/2013 Analyzed: 06/06/2013			
Aluminum	5110	2.44	mg/kg dry	244	4900	84.8	75-125				
Antimony	29.8	0.611	"	30.5	ND	97.4	75-125				
Arsenic	250	1.22	"	244	2.31	101	75-125				
Barium	279	0.611	"	244	19.2	106	75-125				
Beryllium	5.68	0.122	"	6.11	ND	92.9	75-125				
Cadmium	5.74	0.611	"	6.11	ND	94.0	75-125				
Chromium	34.8	0.611	"	24.4	9.02	105	75-125				
Cobalt	70.2	0.611	"	61.1	5.07	107	75-125				
Copper	41.5	0.611	"	30.5	9.07	106	75-125				
Iron	13100	2.44	"	122	13500	NR	75-125	Low Bias			
Lead	67.4	0.367	"	61.1	4.17	103	75-125				
Magnesium	1520	6.11	"		1550		75-125				
Manganese	308	1.22	"	61.1	247	100	75-125				
Nickel	74.3	0.611	"	61.1	8.84	107	75-125				
Potassium	546	12.2	"		553		75-125				
Silver	4.68	0.611	"	6.11	ND	76.5	75-125				
Sodium	69.9	12.2	"		70.2		75-125				
Thallium	258	0.611	"	244	ND	106	75-125				
Vanadium	75.9	0.611	"	61.1	15.5	98.8	75-125				
Zinc	84.7	0.611	"	61.1	21.7	103	75-125				
Reference (BF30214-SRM1)								Prepared: 06/05/2013 Analyzed: 06/06/2013			
Aluminum	9750	2.00	mg/kg wet	8360		117	40.4-159				
Antimony	134	0.500	"	92.9		144	24.8-272				
Arsenic	92.4	1.00	"	94.5		97.8	69.2-131				
Barium	169	0.500	"	166		102	72.9-127				
Beryllium	51.4	0.100	"	52.6		97.7	73-127				
Cadmium	55.3	0.500	"	59.9		92.3	73.1-127				
Calcium	6460	5.00	"	6160		105	73.9-126				
Chromium	68.6	0.500	"	69.3		98.9	68.4-132				
Cobalt	101	0.500	"	101		99.9	74.2-125				
Copper	80.2	0.500	"	78.0		103	73.6-126				
Iron	14500	2.00	"	12800		113	31.8-168				
Lead	86.4	0.300	"	91.7		94.2	70.2-130				
Magnesium	3080	5.00	"	3030		102	66-134				
Manganese	305	1.00	"	283		108	73.9-125				
Nickel	60.1	0.500	"	56.6		106	70-130				
Potassium	3900	10.0	"	3820		102	64.7-136				
Selenium	159	0.500	"	159		100	67.9-133				
Silver	30.3	0.500	"	33.9		89.3	65.5-135				
Sodium	657	10.0	"	652		101	55.1-145				
Thallium	111	0.500	"	119		93.6	67.6-133				
Vanadium	59.4	0.500	"	56.3		106	53.3-147				
Zinc	131	0.500	"	137		95.7	67.4-133				

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 BF30243 - EPA SW846-7471											
Blank (BF30243-BLK1)								Prepared: 06/06/2013 Analyzed: 06/07/2013			
Mercury	ND	0.0330	mg/kg wet								
LCS (BF30243-BS1)								Prepared: 06/06/2013 Analyzed: 06/07/2013			
Mercury	3.71		mg/kg	3.73		99.5	67.6-131				
Batch BF30264 - EPA SW846-7471											
Blank (BF30264-BLK1)								Prepared: 06/06/2013 Analyzed: 06/07/2013			
Mercury	ND	0.0330	mg/kg wet								
LCS (BF30264-BS1)								Prepared: 06/06/2013 Analyzed: 06/07/2013			
Mercury	3.44		mg/kg	3.73		92.2	67.6-131				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
13F0125-01	SB-1 0-2'	40mL Vial with Stir Bar-Cool 4° C
13F0125-02	SB-1 12'-14'	40mL Vial with Stir Bar-Cool 4° C
13F0125-03	SB-2 0-2'	40mL Vial with Stir Bar-Cool 4° C
13F0125-04	SB-2 12'-14'	40mL Vial with Stir Bar-Cool 4° C
13F0125-05	SB-3 0-2'	40mL Vial with Stir Bar-Cool 4° C
13F0125-06	SB-3 12'-14'	40mL Vial with Stir Bar-Cool 4° C
13F0125-07	SB-4 0-2'	40mL Vial with Stir Bar-Cool 4° C
13F0125-08	SB-4 12'-14'	40mL Vial with Stir Bar-Cool 4° C
13F0125-09	SB-5 0-2'	40mL Vial with Stir Bar-Cool 4° C
13F0125-10	SB-5 12'-14'	40mL Vial with Stir Bar-Cool 4° C
13F0125-11	SB-6 0-2'	40mL Vial with Stir Bar-Cool 4° C
13F0125-12	SB-6 12'-14'	40mL Vial with Stir Bar-Cool 4° C
13F0125-13	SB-7 0-2'	40mL Vial with Stir Bar-Cool 4° C
13F0125-14	SB-7 12'-14'	40mL Vial with Stir Bar-Cool 4° C
13F0125-15	S-1 0-2'	40mL Vial with Stir Bar-Cool 4° C
13F0125-16	S-2 0-2'	40mL Vial with Stir Bar-Cool 4° C
13F0125-17	DUP (Soil)	40mL Vial with Stir Bar-Cool 4° C
13F0125-18	Trip Blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, 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.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the MDL, with values between the MDL and the RL being "J" flagged as estimated results.

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

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 13F0125

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: CARDNO ATC	Company: SAME	Company: SAME	15.38242.0024	RUSH - Same Day ☐	Summary Report
Address: 104 E. 25 St. New York, NY 10010	Address: AS	Address: AS	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary ✓
Phone No. 212 353 8280	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person: Matt Mankovich	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address:	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY ✓ NJ___	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) ☒	NY ASP B Package
					NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)
Simple Excel
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison
Excel Spreadsheet ✓
Compare to the following Regs. (please fill in):
NYSDEC 375 VUSCO
" " RSCO

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.

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDECSewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

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

Samples Collected/Authorized By (Signature)
JOHN MASCOLI
Name (printed)

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB-1 0-2'	6.3.13 14:15	SOIL	TCL VOCs, TCL SVOCs, TAL Metals, Pesticides, PCBs	
SB-1 12'-14'	14:25		" " " " "	
SB-2 0-2'	13:40		" " " " "	
SB-2 12'-14'	13:50		" " " " "	
SB-3 0-2'	11:10		" " " " "	
SB-3 12'-14'	11:20		" " " " "	
SB-4 0-2'	12:05		" " " " "	
SB-4 12'-14'	12:15		" " " " "	
SB-5 0-2'	12:50		" " " " "	
SB-5 12'-14'	13:00		" " " " "	

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
J. Mascoli	6.4.13 9:52 AM	K Baker	6/4/13 9:52 AM
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		Place	6-4-13 1800

Temperature on Receipt 3.7°C

YORK ANALYTICAL LABORATORIES INC
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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. 13F0125

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: CARONO ATC	Company: SAME	Company: SAME	15.38242.0024	RUSH - Same Day ☐	Summary Report
Address: 104 E. 25 St. New York, NY 10010	Address: AS	Address: AS	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary ✓
Phone No. 212 353 8280	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person: Matt Mankovich	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address:	E-Mail Address:	E-Mail Address:	Samples from: CT___ NY ✓ NJ___	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) ☒	NY ASP B Package
					NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)
Simple Excel
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison
Excel Spreadsheet ✓
Compare to the following Regs. (please fill in):
NYSDEC 375 UUSCO
" " RSCO

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.

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

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

Samples Collected/Authorized By (Signature)
JOHN MASCIOLI
Name (printed)

Sample Identification	Date/Time Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
SB-6 0-2'	6.3.13 15:35	SOIL	TCL VOCs, TCL SVOCs, TAL Metals, Pesticides, PCBs	
SB-6 12'-14'	15:45		" " " " "	
SB-7 0-2'	15:01		" " " " "	
SB-7 12'-14'	15:10		" " " " "	
S-1 0-2'	14:35		" " " " "	
S-2 0-2'	14:45		" " " " "	
DUP (SOIL)	15:05		" " " " "	
TRIP BLANK			TCL VOCs	

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
J Mascioli	6.4.13 952 AM	K Baker	6-4-13 952 AM
		P Pace	6-4-13 1800
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt 3.7 °C

APPENDIX D:
TEMPORARY WELL POINT LOGS, WELL SAMPLING LOGS, AND MONITORING WELL SURVEY

TEMPORARY WELL POINT LOG

Cardno ATC **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:** Fulton South Development LLC	**Temp. Well No.:** **MW-1**
	Cardno ATC Project No.: 015.38242.0024	**Temp. Well Location:**
	Cardno ATC Task No.: 01	
		See Figures 3 and 4
Driller: Eastern Environmental	**Drilling Method:** Geoprobe	
Inspector: John Mascioli		
Groundwater: 48.12'		**Date:** June 6, 2013

Depth (ft.)	Well Point Construction	Sample Interval	Recovery (ft.)	PID Reading (ppm)
0	RISER			
10				
20				
25				
30				
35				
40				
45				
▼ 50	SCREEN			
60				

Comments and Field Observations

MW-1 was advanced adjacent to SB-2. Lithology and field observations noted to 15' bgs are included in the boring log for SB-02.

Temporary Well Point Construction Details

Total Depth:	60 feet	**Slot Size:**	No. 20
Diameter:	1 inch	**Depth to gw:**	48.12 feet
Riser Interval:	0-45 feet	**Date Installed:**	6/6/12
Screen Interval:	45-60 feet	**Date Abandoned:**	6/11/12

End of TWP @ 60 feet below ground surface.

TEMPORARY WELL POINT LOG

Cardno ATC **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:** Fulton South Development LLC	**Temp. Well No.:** **MW-2**
	Cardno ATC Project No.: 015.38242.0024	**Temp. Well Location:**
	Cardno ATC Task No.: 01	**See Figures 3 and 4**
Driller: Eastern Environmental	**Drilling Method:** Geoprobe	
Inspector: John Mascioli		
Groundwater: 50.20'		**Date:** June 6, 2013

Depth (ft.)	Well Point Construction	Sample Interval	Recovery (ft.)	PID Reading (ppm)
0	RISER			
10				
20				
25				
30				
35				
40				
45				
50▼				
60	SCREEN			

Comments and Field Observations

MW-2 was advanced adjacent to SB-3. Lithology and field observations noted to 15' bgs are included in the boring log for SB-03.

Temporary Well Point Construction Details

Total Depth:	60 feet	**Slot Size:**	No. 20
Diameter:	1 inch	**Depth to gw:**	50.20 feet
Riser Interval:	0-45 feet	**Date Installed:**	6/6/12
Screen Interval:	45-60 feet	**Date Abandoned:**	6/11/12

End of TWP @ 60 feet below ground surface.

TEMPORARY WELL POINT LOG

Cardno ATC
104 East 25th Street
New York, NY 10010
212-353-8280

Client:	Fulton South Development LLC	**Temp. Well No.:**	**MW-3**
Cardno ATC Project No.:	015.38242.0024	**Temp. Well Location:**	**See Figures 3 and 4**
Cardno ATC Task No.:	01		
Driller: Eastern Environmental		**Drilling Method:**	Geoprobe
Inspector: John Mascioli			
Groundwater: 49.0.3'		**Date:**	June 6, 2013

Depth (ft.)	Well Point Construction	Sample Interval	Recovery (ft.)	PID Reading (ppm)
0	RISER			
10				
20				
25				
30				
35				
40				
45				
▼ 50	SCREEN			
60				

Comments and Field Observations

MW-3 was advanced adjacent to SB-4. Lithology and field observations noted to 15' bgs are included in the boring log for SB-04.

Temporary Well Point Construction Details

Total Depth:	60 feet	**Slot Size:**	No. 20
Diameter:	1 inch	**Depth to gw:**	49.03 feet
Riser Interval:	0-45 feet	**Date Installed:**	6/6/12
Screen Interval:	45-60 feet	**Date Abandoned:**	6/11/12

End of TWP @ 60 feet below ground surface.

TEMPORARY WELL POINT LOG

Cardno ATC **104 East 25th Street** **New York, NY 10010** **212-353-8280**	**Client:** Fulton South Development LLC	**Temp. Well No.:** **MW-4**
	Cardno ATC Project No.: 015.38242.0024	**Temp. Well Location:**
	Cardno ATC Task No.: 01	**See Figures 3 and 4**
Driller: Eastern Environmental	**Drilling Method:** Geoprobe	
Inspector: John Mascioli		
Groundwater: 48.75'		**Date:** June 6, 2013

Depth (ft.)	Well Point Construction	Sample Interval	Recovery (ft.)	PID Reading (ppm)
0	RISER			
10				
20				
25				
30				
35				
40				
45				
▼ 50	SCREEN			
60				

Comments and Field Observations

MW-4 was advanced adjacent to SB-7. Lithology and field observations noted to 15' bgs are included in the boring log for SB-07.

Temporary Well Point Construction Details

Total Depth:	60 feet	**Slot Size:**	No. 20
Diameter:	1 inch	**Depth to gw:**	48.75 feet
Riser Interval:	0-45 feet	**Date Installed:**	6/6/12
Screen Interval:	45-60 feet	**Date Abandoned:**	6/11/12

End of TWP @ 60 feet below ground surface.

Well Sampling Log

Project Number: 015.38242.0024		Client: Fulton South Development LLC	Well No.: MW-1
Project Location: 1328 Fulton St. Brooklyn, NY 11216		Sampled By: John Mascioli	
Date: 6.6.13		Sampling Time: 15:50	
PID at surface: 0.0			
Total Depth: 60.4	ft. below top of casing	Water Column (WC): feet	* = 0.163 * WC for 2" wells
Depth to Water: 48.72	ft. below top of casing	Well Volume*: gallons	* = 0.653 * WC for 4" wells
Depth to Product: —	ft. below top of casing	Volume Purged: gallons	* = 1.469 * WC for 6" wells
Depth to top of screen: 45	ft. below top of casing	Well Diameter: 1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 60.4	ft. below top of casing	Pump Type: Check valve w tubing	
Approx. Pump Intake: 50	ft. below top of casing	Field Screening Instrument: Horiba U-52	

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity* (NTU)	Comments (odor, sheen, problems)
15:00	48.72	~100	17.01	0.754	9.46	9.08	4	605	
15:05			17.15	0.753	8.50	8.15	-9	312	
15:10			17.08	0.754	8.03	7.91	-15	209	
15:15			17.00	0.752	7.62	7.80	-22	146	
15:20			16.92	0.750	7.33	7.74	-25	102	
15:25			17.15	0.749	7.10	7.69	-27	78	
15:30			17.30	0.749	7.19	7.67	-28	49	
15:35			16.74	0.747	6.93	7.67	-35	42	
15:40			16.70	0.748	6.94	7.66	-36	39	
15:45			16.71	0.747	6.95	7.66	-37	36	
Stabilization Criteria:				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Collected Dup (GW) Sample

Well Sampling Log

Project Number: 015.38242.0024		Client: Fulton South Development LLC	Well No.: MW-2
Project Location: 1328 Fulton St. Brooklyn, NY 11216		Sampled By: John Mascioli	
Date: 6-6-13		Sampling Time: 12:05	
PID at surface: 0.0			
Total Depth: 58.80	ft. below top of casing	Water Column (WC): feet	* = 0.163 * WC for 2" wells
Depth to Water: 50.20	ft. below top of casing	Well Volume*: gallons	* = 0.653 * WC for 4" wells
Depth to Product: —	ft. below top of casing	Volume Purged: gallons	* = 1.469 * WC for 6" wells
Depth to top of screen: 45	ft. below top of casing	Well Diameter: 1 inches	Target maximum flow rate is 100 ml/min
Depth to bottom of screen: 58.8	ft. below top of casing	Pump Type: Tube & check valve	
Approx. Pump Intake: 52	ft. below top of casing	Field Screening Instrument: Horiba U-52	

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity* (NTU)	Comments (odor, sheen, problems)
11:20	50.20	~100	16.65	0.997	11.83	6.76	68	606	
11:25			16.88	0.991	9.01	6.94	57	201	
11:30			16.87	0.989	8.73	6.99	53	94	
11:35			16.87	0.988	8.63	7.09	50	70	
11:40			16.49	0.995	9.39	7.13	50	61	
11:45			16.47	0.991	9.11	7.14	50	43	
11:50			16.46	0.990	9.01	7.14	49	40	
11:55			16.45	0.990	9.00	7.15	49	39	
12:00			16.44	0.989	8.99	7.15	50	39	
Stabilization Criteria:				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Well Sampling Log

Project Number: 815-38242-0024		**Client:** Fulton South Development LLC	**Well No.:** MW-3
Project Location: 1328 Fulton St. Brooklyn, NY		**Sampled By:** John Mascioli	
Date: 6-6-13		**Sampling Time:** 13:40	
PID at surface: 0.0			
Total Depth: 60.05	ft. below top of casing	**Water Column (WC):**	feet
Depth to Water: 49.03	ft. below top of casing	**Well Volume*:**	gallons
Depth to Product: —	ft. below top of casing	**Volume Purged:**	gallons
Depth to top of screen: 45	ft. below top of casing	**Well Diameter:** 1	inches
Depth to bottom of screen: 60	ft. below top of casing	**Pump Type:** check valve w tubing	
Approx. Pump Intake: 52	ft. below top of casing	**Field Screening Instrument:** Horiba U-52	

* = 0.163 * WC for 2" wells
* = 0.653 * WC for 4" wells
* = 1.469 * WC for 6" wells

Target maximum flow rate is 100 ml/min

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity* (NTU)	Comments (odor, sheen, problems)
12:45	49.03	~100	17.51	0.774	13.94	8.20	14	701	
12:50			17.12	0.779	13.10	8.00	14	609	
12:55			17.05	0.780	12.91	7.95	13	412	
13:00			16.96	0.782	12.65	7.90	10	319	
13:05			16.88	0.780	11.31	7.69	4	226	
13:10			16.87	0.777	10.43	7.61	4	129	
13:15			16.86	0.776	10.26	7.60	3	87	
13:20			16.88	0.778	10.11	7.59	3	61	
13:25			16.91	0.777	10.10	7.59	3	49	
13:30			16.90	0.776	10.09	7.58	3	42	
13:35			16.94	0.777	10.03	7.57	3	36	
Stabilization Criteria:				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

Well Sampling Log

Project Number: 015-38242.0024		**Client:** Fulton South Development	**Well No.:** MW-4
Project Location: 1328 Fulton St. Brooklyn, NY 11216		**Sampled By:** John Mascioli	
Date: 6-6-13		**Sampling Time:** 14:45	
PID at surface: 0.0			
Total Depth: 60.20	ft. below top of casing	**Water Column (WC):**	feet
Depth to Water: 48.75	ft. below top of casing	**Well Volume*:**	gallons
Depth to Product: —	ft. below top of casing	**Volume Purged:**	gallons
Depth to top of screen: 45	ft. below top of casing	**Well Diameter:** 1	inches
Depth to bottom of screen: 60	ft. below top of casing	**Pump Type:** check valve w tubing	
Approx. Pump Intake: 50	ft. below top of casing	**Field Screening Instrument:** Horiba U-52	

* = 0.163 * WC for 2" wells
* = 0.653 * WC for 4" wells
* = 1.469 * WC for 6" wells

Target maximum flow rate is 100 ml/min

Time	Depth to Water (Ft.)	Purge Rate (ml/min)	Temp (°C)	Conductivity (mS/cm)	DO (mg/L)	pH	ORP (mV)	Turbidity* (NTU)	Comments (odor, sheen, problems)
13:55	48.75	~100	17.39	0.736	9.28	8.70	13	501	
14:00			16.72	0.707	8.49	7.84	11	392	
14:05			16.63	0.698	9.06	7.64	1	212	
14:10			16.53	0.696	8.72	7.60	-1	108	
14:15			16.68	0.696	8.49	7.58	1	74	
14:20			17.59	0.691	8.04	7.55	3	60	
14:25			17.50	0.703	8.02	7.52	7	51	
14:30			17.36	0.690	8.03	7.51	6	47	
14:35			17.25	0.685	8.05	7.51	4	42	
14:40			17.23	0.681	8.05	7.51	4	40	
Stabilization Criteria:				+/- 3 mS/cm	+/- 0.3 mg/L	+/- 0.1 pH units	+/- 10mV	<50 NTU	If water quality parameters do not stabilize and/or turbidity is greater than 50 NTU within two hours, discontinue purging and collect sample.

JOB NO.: □ 1□□1□11□□M□

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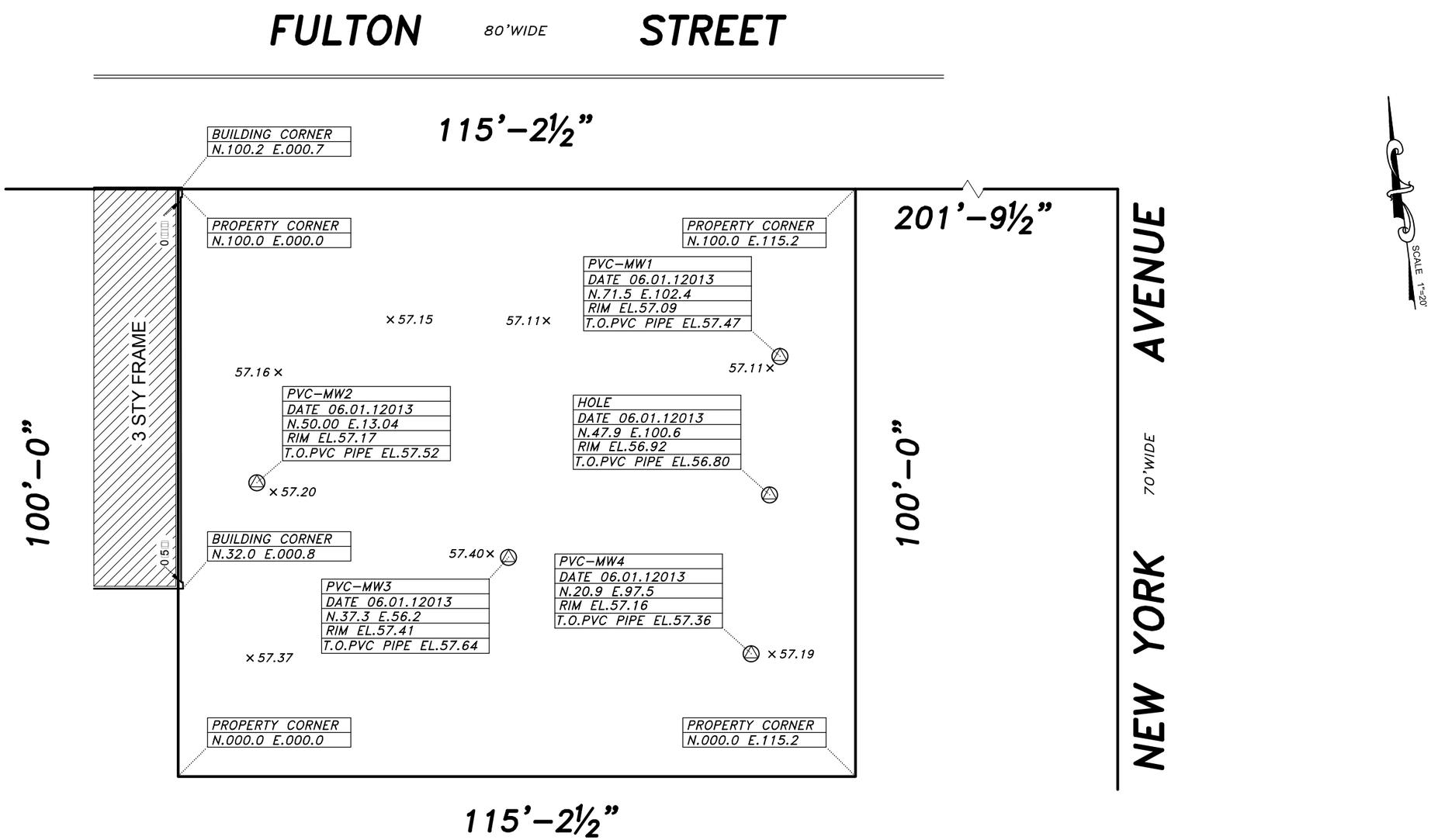

SYMBOLS AND ABBREVIATIONS

PLATFORM	PL. or PLTF.	ROOF OVER	R.O.	MONITORING WELL	M.W.
BASEMENT ENTRANCE	B.E.	FIRE ESCAPE	F.E.	TRAFFIC LIGHT	T.L.
CELLAR ENTRANCE	C.E.	UTILITY POLE	U.P.	LIGHT	
AIR WAY	A.W.	PARKING METER	P.M.	STREET LIGHT	L.P.
CONCRETE	CONC.	OIL FILL	O.F.	FIRE HYDRANT	HYD.
OVERHANG	O.H.	CURB AND CURB CUT	CURB CUT	SIAMESE CONNECTION	SPR.
AIR CONDITION	AC	OVERHEAD SERVICE	O.H.S.W.	SHUT OFF VALVE	G.V. G.V. W.V. W.V.
METAL	MET.	CABLE TV MANHOLE	CTV	HANDICAPPED PARKING	
NORTH OF PROPERTY LINE	N	MANHOLES	MH E T W S RIM EL. INV.EL.	EXISTING TREE	#12"
SOUTH OF PROPERTY LINE	S	CATCH BASIN	C.B. C.B.	DRAINS	DR. DR.
EAST OF PROPERTY LINE	E	EXISTING ELEVATIONS	×43.15 TOP OF CURB ×42.93 BOTTOM OF CURB ×43.78	FENCE	CH.L.FE. WOOD FE.
WEST OF PROPERTY LINE	W	CITY ESTABLISHED GRADES	L.G.7.52	BAY WINDOW	B.W.

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APPENDIX E:
SOIL VAPOR SAMPLE LOG

Cardno ATC
104 East 25th Street
New York, New York 10010
(212) 353-8280

SOIL VAPOR SAMPLE LOG

Driller: Eastern Environmental
ATC Inspector: John J. Mascioli
Client: Fulton South Development LLC
Project Number: 015-38242.0024
Task Number:
Project Name: Phase II ESI
Project Location: 1328 Fulton St. Brooklyn, NY 11216
Project Manager: Matthew Mankovich

Sample Identification	SV-1	SV-2	SV-3	SV-4	SV-5	Ambient AIR		
Sample Date	6-5-13	6-5-13	6-5-13	6-5-13	6-5-13	6-5-13		
Sample Time	10:28	10:34	10:40	10:45	10:50	10:55		
Sampling Depth	12'	12'	12'	12'	12'	N/A		
Sampling Method/Analysis	TO-15	TO-15	TO-15	TO-15	TO-15	TO-15		
Sample Can ID	Y79	P01	S18	Y58	#24	S30		
Sample Flow Controller ID	T-6	T-10	T-9	T-8	T-4	T7		
Canister Vacuum-Pre Sample	-29	-30	-30	-30	-29	-29		
Canister Vacuum-Post Sample	-4	-5	-3	-4	-3	-4		
Volume of Soil Vapor Extracted	6 L	→						
Moisture Content	DRY	DRY	DRY	DRY	DRY	DRY		